VIKING

VoIP SOLUTIONS

2015
Security & Communication Solutions

VoIP Door Entry And Emergency Phone Beta Units Are Available. Call Your Distributor (Back Cover).

Inside: 40 New Products
that can solve your communications and security problems!

Designed, Manufactured and Supported in the USA

Scan here for more information

Model	Description	DOD #	Catalog Page
25AE, 30AE, 35AE, 40AE	Paging Horn Spkr	498	19
NEW 300AE	8 ohm/70v Paging Horn	497	19
AES-2000S/F	Apt Entry Sys. w/Display	202	39
AES-2005S/F	Apt. Entry Sys. w/Camera	204	35, 39
NEW AR-1	Automated Receptionist	105	26
NEW ARS Series	Area of Refuge	235	15
① BLK-4	Blue Strobe Light Kit	654	28
NEW BTC-1	Blue Tooth Controller	175	27
C-200	E Series Controller	169	40
C-250	E Series Controller	172	41
NEW C-500	E Series Controller	177	41
C-1000B	W Series Controller	168	36
C-2000B	E Series Controller	156	41
C-3000	No CO Line Apt Entry Sys	162	40
C-4000	4 Door Prx Card System	164	39
CL Series	Wireless Clocks/Accessories	466	21
CPC-1	CPC Disconnect 1 Line	442	31
CPC-4	CPC Disconnect 4 Line	444	31
CTG-1	Clock Tones Over Paging	460	20
CTG-2	Clock Tone/Message Page	463	21
Directories	For Apt. Entry Systems	158	37
DLE-200B	Telephone Line Simulator	605	27
DLE-300	Telephone Line Simulator	607	27
DNA-510	Mass Notification Paging	492	20
DVA-1003B	(3)1 Minute Digital Announcer	125	26
DVA-2WA	7 Min MOH Digital Announcer	110	26
DVA-3003	(3)4 Minute Digital Announcer	127	26
DVA-500A	1 Min Digital Announcer	115	26
DVA-TNT	Time & Temp Announcer	129	26
① E-10A, E-20B	Door Entry Phones	210	14, 42
① E-30	Entry Phone w/Dialer	212	8
① E-30-PT	Entry Phone, Push To Talk	214	8
① E-35	Video Entry Phone	178	8, 35
① E-40 Series	Single Gang Entry Phone	187	42
① E-50 Series	Single Gang Video Phone	191	35, 42
① E-60 Series	Double Gang Entry Phone	206	43
① E-65 Series	Double Gang Video Phone	203	43
① E-70 Series	2 Gang Card Reader Phone	207	43
① E-75 Series	Video Card Reader Phone	208	43
① 1600A Series	ADA Emergency Phones	215	4-8
① E-1600A-BLT-EWP	Blue Light Tower Phone	217	5
① E-1600A-BLT2EWP	2 Button Tower Phone	217	5
① E-1600A-TP-EWP	Talk-a-phone	218	6
① E-1600A-TP2-EWP	Replacement	218	6
NEW E-1600-IP Series	VoIP Emergency Phone	255	4
NEW E-1600-MK-GNP	Mounting Kit	227	33
ES-1	Wiegand Controller	193	38
ES-3	Door Control for AES-2000	195	38
FAXJ-1000	Fax/Auto Routing Switch	261	23
FBI-1A	Anti-Feedback Paging	465	18
GLS-12	Ground to Loop Start Conv.	570	30
FXI-1	IP Paging Interface	494	18

Model	Description	DOD #	Catalog Page
HF-3W	Handsfree Talkback Paging	470	18
K-600F	Night Bell Over Paging	476	18
① K-1200	Apt. Entry Phone System	182	37
① K-1205	Video Entry Phone System	183	35, 37
K-1500-6A	Space Saving Panel Phone	352	11
K-1500-7	Panel Phone, Stainless	352	11
K-1500P-D	No Dial Desk Phone	355	11
K-1500P-W	No Dial Wall Phone	355	11
① K-1700-3 Series	Keypad Entry Phone	157	37
① K-1705-3 Series	Keypad Video Phone	159	35, 37
K-1900-3	1 Door Apt. Entry Controller	312	37
K-1900-4	Pulse Auto Dialer	315	12
K-1900-5	Touch Tone Auto Dialer	317	12
K-1900-6	Hot Line Network Board	360	11
① K-1900-7	Hot Line Panel Phone	364	11
① K-1900-8	Hot Line Phone w/Keypad	362	11
K-1900-9	100 Number Speed Dialer	321	12
K-1900-30	Smart Touch Tone Dialer	300	12
K-1900D-2	Hot Line Dialer Phone	360	10
K-1900W-2	Hot Line Dialer Phone	360	10
K-202-DVA	2 Input Voice Alarm Dialer	305	13
K-2000-DVA	8 Input Voice Alarm Dialer	303	13
K-6000-DVA	Voice Message Delivery Sys.	307	13
LC-6	6 Phone Line Concentrator	245	9
LDB-1	Loop Detector Board	406	24
LDB-2	Ring and Loop Detector	408	24
LDB-3	Ring and/or Loop Detector	409	24
LLA-1	1 Line Long Loop Extender	615	31
LLA-4	4 Line Long Loop Extender	620	31
LM-1A	Message Waiting Lamp	662	28
LM-24D, LM-24S	Line Status Monitor	670	28
LPL-1	Line Powered Light	640	28
LPR-1	Line Powered Ringer	550	24
LS-911	Line Sharing Device	238	9
LSD-2	Line Seizure Device	262	9
LSR-1	Line Seizure Relay	230	9
LV-1K	Line Verification Panel	246	9
M2W	Telephone Speaker Amp.	480	18
MSB-30, 35	Voice Comm for IP Camera	213	27
MTG-10	Multi Tone Generator	482	24
NS-1	Night Switch	540	18
PA-2A	Paging/Ringing 2 watt Amp.	485	16
PA-15	Paging/Ringing 15 watt Amp.	486	16
PA-30	Paging/Ringing 30 watt Amp.	489	16
PA-60	60 Watt Power Amplifier	493	16
PAN-1	Panasonic Doorphone Adapt.	145	24
PB-1	Panic Button Kit	233	9
PB-100	Programmer for AES-2000	232	25
PC-7	Phone line Privacy Cord	560	23
PF-6A	Power Fail Phone Line Bypass	680	30
PI-1A	Telecom Paging Interface	491	18

Model	Description	DOD #	Catalog Page
PJ-14	2 Line Privacy Device	560	23
① PRX Series	Prx Card Reader	198	38
PS-1A, PS-2, PS-3	Replacement Pwr Supplies	510	31
PS-48-RGA	Talk Batt/Ringing Supply	515	31
PTR-1	Prof Telecom Record Adpt.	438	29
Q170600	Electronic Ringer	834	10
RAD-1A	Remote Access Paging/Audio	410	22
RAD-AMP	Amp. Remote Access Device	415	22
RC-2A	Remote DTMF Controller	160	40
RC-3	Remote DTMF Controller	165	40
RC-4	Network Relay Controller	580	39
RG-4	1 Line Ring Shaper/Booster	416	30
RG-10A	Ring Booster	420	31
RG-204	4 Line Ring Shaper/Booster	417	30
RG-212	12 Line Ring Shaper/Booster	419	30
RG-224	24 Line Ring Shaper/Booster	418	30
SA-Series	Self-Amplified Paging	520	17
SC-911	Strobe Controller	236	28
SL-2, SL-2-EWP	Blue Strobe Light	242	28
SLP-1	Single Line Paging	478	25
SLP-4	Paging and Door Chime	479	20
SO-24A	Silently Monitor Phone Lines	690	29
SO-24 AK	Digital Phone Kit for SO-24A	819	29
SR-1	Single Line Loud Ringer	477	19
SRC-1	Secure Relay Controller	176	40
SV-5W	Speaker Volume Control	488	19
TBB-1B	Talk Battery Booster	632	31
TDR-1	Time Delay Relay	421	24
TG-1, TG-2	Telephone Line Privacy	560	23
TR-1	Toll Restrictor	705	22
① VCAM-1	Replacement Video Camera	190	34
① VCAM-1IR	Replacement IR Video Cam.	190	34
① VCAM-2 Series	Single Gang Video Camera	190	34
VE-3X5	Surface	424	33
VE-5X5/PNL/SS	Mounting	424	33
VE-5X10/PNL/SS	Boxes and	424	33
VE-6X7/PNL/SS	Panels	424	33
VE-9x12 Series	Outdoor	413	14
VE-9x20 Series	Enclosures	413	14
VE-GNP Series	Gooseneck Pedestals	424	33
VE-LIGHT	Lighting Kit	428	33
VR-1B	Telephone Status Indicator	697	28
VoIP Series			4-8, 14, 42-43
① W-1000	Door Box w/Ring Voltage	170	36
① W-2000A	Door Box w/Ring Voltage	170	36
① W-3000	Door Box w/Ring Voltage	170	36
① W-3005	Video Doorbox w/Ring Volt	181	35, 36
ZPI-4	Zone Paging Controller	499	19

① **Indicates products available with enhanced weather protection** (Page 32) **DOD# 859**

How to Contact Us:

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All Viking products are available nationwide through distributors listed on the back cover.

New VoIP Products

Now available - see pages 4-8, 14, 35, 42 and 43.

Blue Clues - For a definition of a term in blue see Telecom Glossary at VikingElectronics.com... **DOD# 940**

Index of Applications... **DOD# 800**

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3

ADA Compliant Analog and New <u>VoIP</u> Emergency and Elevator Phones

- **Superior automatic noise cancelling design for loud environments**
- **Complies with ASME A17.1 Elevator Code when used with LV-1K (page 8)**
- **Phone Numbers and I.D. Announcement Stored in Non-Volatile Memory-Battery Back-Up Not Required**
- **Automatically Dials 4 Additional 1 – 20 Digit Numbers on Busy or No Answer**

E-1600-22-**IP**

E-1600-32-**IP**

ADA Compliant with Braille Label and "Call Connected" **LED**

E-1600A-TP-EWP
E-1600-TP-**IP**-EWP
E-1600A-TP2-EWP
E-1600-TP2-**IP**-EWP

E-1600-02A
E-1600-02-**IP**

E-1600-03B
E-1600-03-**IP**

E-1600A
E-1600-**IP**

E-1600-45A
E-1600-45-**IP**

E-1600-65A
E-1600-65-**IP**

E-1600-53-**IP**

E-1600-60A
E-1600-60-**IP**

E-1600-30A
E-1600-30-**IP**

E-1600-55A
E-1600-55-**IP**

E-1600-20A
E-1600-20-**iP**

Analog: 1600A Series

- **Analog PABX, CO Line or FXS Port powered – 2 Wire Installation**
- **Compatible With Central Station Monitoring**
- **16 second I.D. Announcement**
- **Temperature range (-15˚ to 130˚F)**

Viking Electronics' E-1600A Series Emergency Phones are designed to provide quick and reliable access to emergency personnel via two-way, handsfree voice communication over a telephone network. The **E-1600A Series** have **braille** labels and meet **ADA** requirements for elevator telephones. Compatible with analog **PABX, CO** line, **FXS** port and **ringdown circuits.**

The **E-1600A Series** can be programmed on site or remotely from a Touch Tone phone. All parameters, phone numbers, location numbers, and **voice announcement** are stored in **non-volatile E² memory**. Batteries are not required for memory retention.

When the "Push for Help" button is pressed, the **E-1600A Series** phone goes off-hook, and the built-in Touch Tone dialer calls the pre-programmed 1 to 20 digit number. The "Call Connected" **LED** flashes during dialing. **In the event that the line is busy or there is no answer, the unit can automatically dial up to 4 more numbers.** When the call is answered, **E-1600A** phones light the "Call Connected" **LED** steady and sends a field-programmed 1 to 20 digit Touch Tone number or **16 second voice announcement** indicating the location of the emergency phone.

Use the **PB-100** (see page 25) to remotely program and poll emergency phones as to their working status.

VoIP: 1600-IP Series

⚠ **Installation requires the assistance of a network administrator/I.T. technician**

- **<u>Integral 2 Amp Relay</u> for Controlling Lights, Strobes, Door Strikes, Gate Openers, Door Chimes etc.**
- **Power over Ethernet (PoE) Class 1, <4 Watts**
- **VoIP SIP based Protocol • 28 Second I.D. Announcement**
- **Temperature range (-30˚ to 130˚F)**

Viking Electronics' new **VoIP** emergency phones are **ADA** compliant and have all the features required in an emergency or door access phone. Plus, they're among the most affordable installer-friendly products on the market. **Viking's VoIP** phones work with most **SIP** based **VoIP** phone systems (see our compatibility list – **DOD# 944**).

Just run CAT 5e Ethernet cable to one location and connect to the phone. Power the **E-1600-IP Series** phone using the **VoIP** phone system's Power over Ethernet (**PoE**), or add an inexpensive **PoE** injector. Then program all the units with **Viking's** PC-based software.

To convert your existing **Viking** analog phones to **VoIP**, use **Viking's E-1600-53-IP** conversion kit (see page 6).

Programming is just as easy. The software immediately identifies each connected phone. Just assign a unique name to each phone and propagate the settings out to each phone with a push of a button – no need to continually re-enter the common parameters for every phone in the system. That's a huge time-saver over programming methods used by other **IP** phone manufacturers. And, since **Viking's** software maintains a complete phone database, you can reprogram a replacement device the same way. Just Click on the phones name and press send – done. You never have to manually re-enter the information.

For information on Door Entry Phones – See pages 7, 8, 14, and 33-43

Emergency Phones

ADA Compliant with Braille Label and **"Call Connected"** LED

- **For features and Operation refer to 1600A or 1600-IP series on page 4**
- Material: .062" (16 gauge) steel, powder painted
- Mounting: Surface mount to walls, posts, single gang boxes or recess mount in elevator phone boxes
- Dimensions: 5.25" x 4.0" x 2.0"

| E-1600A | E-1600-45A | E-1600-60A | E-1600-65A |
| E-1600-**IP** | E-1600-45-**IP** | E-1600-60-**IP** | E-1600-65-**IP** |

⚠ **When installing E Series emergency phones outdoors, always use the EWP version – See page 32**

Analog Models		VoIP Models	
Model	DOD #	Model	DOD #
E-1600A	215	E-1600-IP	255
E-1600-45A	215	E-1600-45-IP	255
E-1600-60A	215	E-1600-60-IP	255
E-1600-65A	215	E-1600-65-IP	255

NEW

42" Tower Phone with LED Strobe and Steady-on Beacon

ADA Compliant with Braille Label, **"Call Connected"** LED and High Intensity Flashing LED Strobe with Steady-on-Beacon

- New high intensity, long life **LED** technology
- **For features and Operation refer to 1600A or 1600-IP Series on page 4**
- 4 programmable flash patterns
- 6 programmable brightness settings
- Max Strobe Power Run on **CAT-5** using 3 pair = 325 ft.
- Mounting: Surface mount to rigid wall or post
- Connections: Color-coded wires with gel-filled butt connectors

- **Enhanced Weather Protection (EWP)** standard **– See page 32**
- Material: Enclosure - .125 aluminum, 76.2mm x 152.4mm (3" x 6") tube, powder painted high- visible yellow, Phone - .074 (14 gauge, 316 Marine Grade) stainless steel with stainless steel button, Strobe - Vandal resistant polycarbonate plastic
- **Power supply included**
- Two-button version available with "Info" and "Help" buttons – Model: **E-1600BLT2IPEWP**

Analog Models		VoIP Models	
Model	DOD #	Model	DOD #
E-1600A-BLT-EWP	217	E-1600-BLTIPEWP	249
E-1600A-BLT2EWP	217	E-1600BLT2IPEWP	249

NEW

Vandal Resistant Handsfree Emergency Phone

ADA Compliant with Braille Label and **"Call Connected"** LED

- Material: .074" (14 gauge) brushed 316 marine grade stainless steel
- **For features and Operation refer to 1600A or 1600-IP Series on page 4**
- Mounting: Surface mount to walls, posts, single gang boxes or recess mount in elevator phone boxes
- Dimensions: 7.22" x 5.36" x 1.55"

⚠ **When installing E Series emergency phones outdoors, always use the EWP version – See page 32**

Analog Models		VoIP Models	
Model	DOD #	Model	DOD #
E-1600-03B	215	E-1600-03-IP	255

NEW

Vandal Resistant Handsfree Emergency Phone

ADA Compliant with Braille Label and "Call Connected" **LED**

- **For Features and Operation refer to 1600A or E-1600-IP series on page 4**
- Material: .105" (12 gauge) brushed 316 marine grade stainless steel
- Dimensions: 13.0" x 10.5" x 2"
- Mounting: Flush mount in elevator cabs, ATMs, stairwells, hallways, etc.

⚠️ **When installing E Series emergency phones outdoors, always use the EWP version – See page 32**

Analog Models		VoIP Models	
Model	DOD #	Model	DOD #
E-1600-02A	215	E-1600-02-IP	255

Two Button 5" x 5" ADA Stainless Steel Emergency Phones

- **For Features and Operation refer to 1600A or E-1600-IP series on page 4**
- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with included plastic rough-in, surface mount with optional **VE-5x5** enclosure (Page 33)
- Two wire installation – analog **PABX, CO** line or **FXS** port powered
- Dimensions: 5.0" x 5.0" x 2.25"
- **Two button version dials up to 3 additional numbers for general info or directions**

⚠️ **When installing E Series emergency phones outdoors, always use the EWP version – See page 32**

Analog Models		VoIP Models	
Model	DOD #	Model	DOD #
E-1600-20A	215	E-1600-02-IP	255

Replacement Phone for Talk-A-Phone Applications

ADA Compliant with Braille label, "Call Connected" **LED**

- **For Features and Operation refer to 1600A or E-1600-IP series on page 4**
- Direct replacement for the Talk-A-Phone ETP-400(V) panel phone, Code Blue towers require redrilling and tapping
- Material: 12 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount to Talk-A-Phone ETP towers, wall mounts, boxes and Pedestals
- Analog **PABX, CO** line or **FXS** port powered emergency phone (**BLK-4** control module requires power) and **Enhanced Weather Protection (EWP)** standard **– See page 32**
- Dimensions: 9.5" x 11.75" x 2.0"
- Two button version dials up to 3 additional numbers for general info or directions

Analog Models		VoIP Models	
Model	DOD #	Model	DOD #
E-1600-TP-EWP	218	E-1600-TP-IPEWP	255
E-1600-TP2-EWP	218	E-1600-TP2IPEEWP	255

Universal Emergency Phone Kit

ADA Compliant, Ideal for Custom Elevator Panels

- **For Features and Operation refer to 1600A or E-1600-IP series on page 4**
- Material: 0.062" (16 gauge) zinc plated steel
- Analog **PABX, CO** line or **FXS** port powered
- Dimensions: 5.0" x 5.0" x 2.25"
- Mounting: Install behind elevator panels for installations requiring a custom panel

⚠️ **When installing E Series door entry or emergency phones outdoors, always use the EWP version – See page 32**

Analog Models		VoIP Models	
Model	DOD #	Model	DOD #
E-1600-55A	215	E-1600-55-IP	255

One and Two Button VoIP Emergency/Entry Phones Mount in Double Gang Box

- **For Features and Operation refer to 1600A or E-1600-IP series on page 4**
- Mounting: Flush mount in a standard double gang electrical box or surface mount with optional **VE-5x5** enclosure (Page 33)
- Material: 14 gauge brushed marine grade 316 stainless steel
- Ideal for Area of Refuge applications when mounted in a fire rated double gang electrical box
- Dimensions: 5.0" x 5.0" x 2.25"
- **Two button version dials up to 5 additional numbers for general info or directions**

VoIP Models

Model	Description	DOD #
E-1600-22-IP	Two Button VoIP Emergency Phone	255
E-1600-32-IP	One Button VoIP Emergency Phone	255

E-1600-22-IP   E-1600-32-IP

Use optional VE-5x5 surface mount box (page 33)

⚠ **When installing E Series phones outdoors, always use the EWP version – See page 32**

Non-Chassis Emergency Phones

ADA Compliant, Comes with Braille Label and LED

For Features and Operation refer to 1600A or 1600-IP series on page 4

- **E-1600A** and **E-1600-IP** parts kit without a chassis
- Model **E-1600-52A** and **E-1600-52-IP** has 2 push buttons, one "Info" and one "Help"
- Ideal for applications that don't require traditional housing
- **Kit includes: printed circuit board, speaker, microphone, switch(s)**
- Analog products are **PABX, CO** line or **FXS** port powered
- **VoIP** models are **PoE** powered
- Connections: gel-filled butt connectors

⚠ **When installing E Series door entry or emergency phones outdoors, always use the EWP version – See page 32**

E-1600-50A-EWP
version shown

Analog Models

Model	DOD #
E-1600-50A	215
E-1600-52A	215

VoIP Models

Model	DOD #
E-1600-50-IP	255
E-1600-52-IP	255

Analog to VoIP Conversion Kit

- **For Features and Operation refer to 1600-IP series on page 4**

To convert your **VIKING** analog phones to **VoIP**, use an **E-1600-53-IP** conversion kit. Run Ethernet cable to the site, open the phone and remove the old analog board. Mount the new **VoIP** circuit board in the same location (it's an exact fit) and reassemble. The kit saves by re-using the housing, faceplate, mic, speaker, switch, and **LED**. The conversion takes less than 15-mins. (slightly longer for **EWP** models) and requires no field modifications. Save the analog board to service other analog phones or drop it into your electronics recycling bin.

⚠ **When installing E Series door entry or emergency phones outdoors, always use the EWP version – See page 32**

VoIP Model

Model	DOD #
E-1600-53-IP	255

E-1600-53-IP

Viking Emergency Poolside Phones Can Help Save Lives!

For other Emergency Phones see pages 4-9

E-1600-30A Marine Grade 316 Stainless Steel ADA Compliant phone (see page 4)

E-1600-30A-EWP shown in optional surface mount box. (Page 33)

Pool Phone Laws

The map shows the states in red that are required by code to have pool emergency phones. If your state is not shown in red, it does not mean you are exempt. Please check your local codes for guidance.

State by State Regulations DOD # 870

• For features and Operation refer to 1600A or 1600-IP series on page 4

⚠ When installing E Series emergency phones outdoors, always use the EWP version – See page 32

Analog Models

Model	DOD #
E-1600-30A	215

VoIP Models

Model	DOD #
E-1600-30-IP	255

Analog and VoIP Speaker Phone with Dialer

• **Superior automatic noise cancelling design for loud environments**
• **Analog PABX, CO line or FXS port powered phone**
• **VoIP models are power over Ethernet (PoE) - for features and operation refer to page 35.**
• **Marine Grade 316 stainless steel faceplate with metal call button**

When the call button is pressed, the **E-30** automatically dials a pre-programmed 1-20 digit number. The phone will dial up to 4 additional numbers if a busy signal or no-answer is detected. The phone numbers are programmed from any touch tone phone and stored in non-volatile memory. The **E-30** can be set to auto-answer and disconnects on silence, busy, dial tone, **CPC** or time out. The unit is designed for non-**ADA** emergency, door and gate entry applications. Temperature range is -15° F to 130° F. Size is 5" x 5" x 2.25".

Model E-30 shown in optional **VE-5x5** surface mount box (Page 33)

Analog Models

Model	DOD #
E-30	212

VoIP Models

Model	DOD #
E-30-IP	255

⚠ When installing E Series door entry or emergency phones outdoors, always use the EWP version – See page 32

"Push to Talk" Speaker Phone

The **E-30-PT** has the same audio, temperature and dialer specifications as the **E-30** (above). The unit is designed to be used in place of the **E-10A, E-20B** or **E-30** handsfree phones in noisy applications. In applications where the background noise can be louder than the person calling, a handset type phone is recommended. Marine grade 316 stainless steel panel.

Model E-30-PT shown in optional **VE-5x5** surface mount box (Page 33)

Model	DOD #
E-30-PT	214

Video Speaker Phone with Dialer

The **E-35** has the same audio, temperature and dialer specifications as the **E-30** (above). The **E-35** also includes a high resolution color CCTV camera – refer to page 35 for camera specifications. The camera operates up to 150 feet on **CAT-5E** cable. Marine grade 316 stainless steel panel. **Power supply included.**

Model E-35 shown in optional **VE-5x5** surface mount box (Page 33)

Model	DOD #
E-35	178

Model	DOD #
E-35-IP	251

⚠ When installing E Series door entry or emergency phones outdoors, always use the EWP version – See page 32

A Smart Line Sharing Device with Inbound Switching Capability

- Routes both incoming and outgoing calls
- Allows an Emergency device to share a phone line with other devices (fax machines, phones, modems)
- Gives priority to the Emergency devices
- Incoming calls routed to one of two ports by Caller ID, **Distinctive Ring** or Call Back
- Status **LED** displays mode of operation
- Can store up to 12 Caller ID numbers

- Provides a busy signal to the phone port when an Emergency device is in use

Power supply included.

Model	DOD #
LSD-2	262

Your Emergency Device can Share a Line with Your Phone System

C.O.

Phone, **KSU, PABX**, Fax

E-1600A
Emergency phone

Share Lines – Save Hundreds of Dollars Per Year

Viking's Emergency Line Seizure Relay allows the Elevator/Emergency phone or alarm dialer to share an existing **C.O.** line. When the emergency phone or alarm dialer initiates a call, the line is taken away from its normal use and receives new dial tone for the emergency call. Any call in process is disconnected. The **LSR-1** always connects to the emergency device during power failure.
Power supply included.

Model	DOD #
LSR-1	230

Analog Line Sharing For IP PBX's, **VoIP** Phone Systems

The **LS-911** offers a cost-effective, reliable method of handling 911 emergency calls for IP PBX's and networked phone systems. Connected to an **FXO** port, it lets you enjoy the advantages of conventional analog 911 service, including traceability and 911 callback, without having to dedicate an analog line exclusively for this purpose.

911 calls routed to the **LS-911** receive priority, taking the analog line from the fax, card reader etc. if it is in use. A special recall feature maintains the availability of the line in the event the emergency call is disconnected, so 911 personnel can call back to reestablish the connection. **Power supply included.**

Model	DOD #
LS-911	238

Line Verification Panel with Key Switch

- **Meets the new ASME A17.1 Requirements**
- **Immediate Alarm on loss of line**
- **Compatible with all Analog Elevator Phones**

NEW

Use with any existing single line **Viking E-1600A** series emergency phone. With the **LV-1K** installed, the **E-1600A** series phone will check the telephone line on a daily basis. The **LV-1K** will sound an audible signal every 30 seconds and flash a red light when a telephone line fault is detected. Authorized personnel can silence the audible signal with the included key switch. The **LED** light will remain flashing until the fault is corrected. Use in conjunction with the Viking model **LC-6** to show line verification for up to six **E-1600A** series emergency phones. Mounts in a standard double gang electrical box.

Model	DOD #
LV-1K	246

Concentrate 6 Emergency Phones

- **Meets the new ASME A17.1 Requirements**
- **Communicate with local and/or remote authorized personnel**

NEW

The **LC-6** eliminates the monthly charges for a dedicated line to each elevator. Up to six emergency phones can communicate with authorized personnel on 3 other phones within a building, or add a telephone line to allow communication outside the building. A call initiated by an emergency phone can dial internally, externally, or both. Any other phones that are activated will be conferenced into the conversation, thus filling ASME A17.1 requirements. Fire officials can call each cab, place an "all call" to all cabs, or break into in-progress "911" calls.
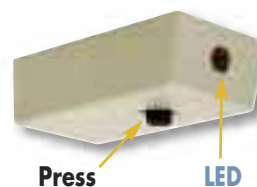
Use with model **LV-1K** to verify the operability of the telephone line on a daily basis.
Power supply included.
Purchase 550 VA battery backup separately.

Model	DOD #
LC-6	245

E-1600A, **-IP** Series Silent Panic Button

Press   **LED**

Applications include:
- **Court Rooms** • **Motels**
- **Convenience Stores** • **Gas Stations**
- **All Night Restaurants**

Can be mounted under desk, counter, etc. and connected to a **Viking E-1600A** or **E-1600-IP**. When the button is pressed, the phone calls up to five numbers and gives a pre-recorded message. The speaker is disabled but the called party hears what is happening. The **LED** indicates activation.

Model	DOD #
PB-1	233

Hot-Line Single Number Dialer Phones

- **Auto Dialing Emergency/Courtesy Phones**
- **Dials a Pre-Programmed Number Whenever the Handset is Lifted**
- 1-32 digit programmable speed dial number
- Telephone line powered and touch tone programmable
- Hearing aid compatible amplified handsets with rotary handset volume control
- Touch tone and 10/20 pps pulse dialing
- Non-volatile memory (no batteries required)
- Restricts fraudulent calls from hand held dialers
- Available in red or ash color
- Operates on a **C.O.** line or analog **PABX/KSU** extensions

Applications:

Courtesy and Emergency Phones	Cash Machines
Customer Service	Taxi Service
Airline/Hotel/Rental Car Reservations	Security
Help Lines	
POS Displays	

K-1900W-2   **K-1900D -2**

Replace leased ringdown circuits using standard loop start **C.O.** lines. The Hot-Line phone automatically dials the programmed number whenever the handset is picked up. Four-second pauses can be programmed for use on **Centrex** or behind **PABX**.

Model	Description	DOD #
K-1900D-2	Red Hot-Line Desk Phone	360
K-1900W-2	Red Hot-Line Wall Phone	360
K-1900D-2 ASH	Ash Hot-Line Desk Phone	360
K-1900W-2 ASH	Ash Hot-Line Wall Phone	360

Free Programming (100 Unit Minimum)

Viking will pre-program hot line phones or dialers with any number up to 32 digits or pauses, at no charge (minimum quantity 100). To take advantage of this free service, contact us at 715-386-8861. The following models are covered by this program:

K-1900-5	K-1900W-2 (Red)
K-1900W-2 ASH	K-1900D-2 (Red)
K-1900D-2 ASH	K-1900-7

You can add an electronic ringer to the **K-1900W-2** or **K-1900D-2**. Order **Viking Model Q170600 Ringer... DOD# 834**

Need Hot-Line Phones with Special Colors?

ANY Pantone color available!

MINIMUM QUANTITY NOW REDUCED TO ONLY 144 UNITS!

CALL SALES AT (715) 386-8861 FOR DETAILS.

Vandal Resistant Hot-Line Panel Phone

- Touch tone or pulse auto-dialing (up to 32 digits) programmable speed dial number
- Vandal resistant 0.105" thick 316 marine grade stainless panel, armored cable and metal cradle
- Temperature Range (-30° to 140°F)
- Armored cable: STD-36"; **EWP-54"**

- Hearing aid compatible amplified handset with sealed push button volume control
- Optional surface mount box available, model VE-5x10 (see page 33)
- Dimensions: 5"W x 10"H x 4"D

⚠ **When installing K-Series phones outdoors, always use the EWP version – See page 32**

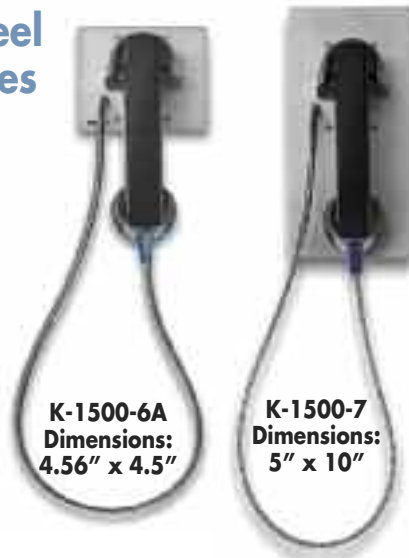| Model	Description	DOD #
K-1900-7	Hot-Line Panel Phone	**364**

Vandal Resistant Hot-Line Panel Phone with Built-In Keypad

- Auto-dials (up to 32 digits) programmable speed dial number
- Touch tone or pulse dialing with a programmable pre-dial pause
- Sealed metal touch tone keypad
- Multi-number dialer mode adds 5 speed dial numbers
- Temperature Range (-30° to 140°F)

⚠ **When installing K-Series phones outdoors, always use the EWP version – See page 32**

- Vandal resistant 0.105" thick 316 marine grade stainless steel panel, armored cable and metal cradle
- Armored cable: STD-36"; **EWP-54"**
- Hearing aid compatible amplified handset with sealed push button volume control
- Optional **VE-5x10** (page 33) surface mount box available
- Dimensions: 5"W x 10"H x 4"D

Model	Description	DOD #
K-1900-8	Hot-Line Panel Phone with Keypad	**362**

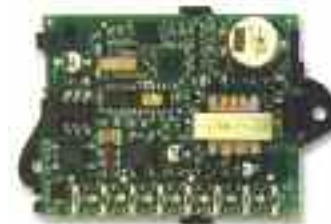## Vandal Resistant Stainless Steel Manual (No Dial) Panel Phones

- **K-1500-6A**: 0.074" thick 304 stainless steel panel
- **K-1500-7**: 0.105" thick 316 marine grade stainless steel panel
- Armored cable and heavy-duty hookswitch
- Compatible with Viking ringdown circuits
- Mounts on a standard double-gang electrical box
- Optional **VE-5x10** (page 33) surface mount box available for model **K-1500-7**

Model	DOD #
K-1500-6A	**352**
K-1500-7	**352**

K-1500-6A Dimensions: 4.56" x 4.5"

K-1500-7 Dimensions: 5" x 10"

Dialer Network

This electronic network, used in Viking's Hot-Line Phones, can be used to convert any standard carbon mic handset phone into a single number hot-line phone.

Model	Description	DOD #
K-1900-6	Hot Line Network Board	**360**

Manual (No Dial) Phones with Ringers

Ringdown, Courtesy or Emergency Phone Applications

These manual phones are compatible with ringdown circuits such as model **DLE-200B** (page 32), dialers such as Viking's **K-1900-5** and **K-1900-30** (page 12) as well as an analog **PABX, CO** line or **FXS** port configured as a ringdown circuit.

Model	Description	DOD #
K-1500P-W	Red Manual Wall Phone	**355**
K-1500P-D	Red Manual Desk Phone	**355**
K-1500P-W Ash	Ash Manual Wall Phone	**355**
K-1500P-D Ash	Ash Manual Desk Phone	**355**

K-1500P-W   **K-1500P-D**

Touch Tone and Pulse Hot-Line Dialers

Applications: • Help Lines • POS Displays • Information Kiosks
• Hotel/Car Reservations • Courtesy Phones • Money Transfer
• **Non-Volatile Memory**
• **No Batteries to Replace**
• **Convert any Analog Phone to a Hot-Line Dialer**

These analog **PABX, CO** line or **FXS** port powered dialers automatically dial the programmed number each time the connected phone goes off-hook. They can help eliminate mileage charges on leased lines, toll fraud on courtesy or emergency phones and toll fraud from hand-held dialers. They are compatible with analog **PABX, CO** line or **FXS** ports and will not dial on incoming calls. **Program from any Analog Touch Tone phone.**
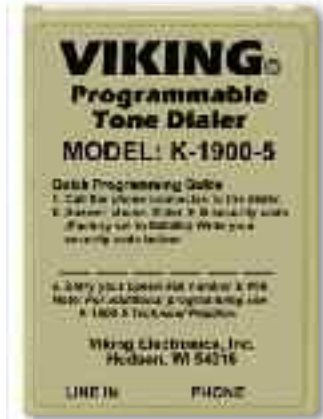
Model **K-1900-4** provides 10 or 20 pps **pulse** dialing and with external switches, can dial up to 5 different 1 to 16 digit phone numbers. "Pulse only" phone lines usually cost less per month and cannot be hacked by hand-held dialers. **K-1900-4** can store 4-second pauses.

Model **K-1900-5** provides **1 to 32 digit Touch Tone** dialing and 1 and 4 second pauses as needed to use behind a **PABX, access a pager from an alarm contact,** etc. The **K-1900-5** blocks hand-held dialers and "hook-switch" or pulse dialing. The dialer can provide fast (50 mS) or normal (120 mS) on/off Touch Tones.

K-1900-4   **K-1900-5**

Model	Description	DOD #
K-1900-4	Pulse Dialer	315
K-1900-5	Touch Tone Dialer	317

• The **K-1900-5** can be activated by a momentary contact closure see **DOD# 818**.
• Program a Multitude of Dialers or Hot Line Phones see **DOD# 901**.

100 Number Speed Dialer

• **Non-volatile memory**
• **Use on an analog PABX, CO line or FXS port**
• **Use with any analog touch tone phone**

When used as a multi-number dialer the **K-1900-9** will allow the user to enter a 1 or 2 digit code that will speed dial a pre-programmed number. When the dialer calls the number, the user can be blocked from entering additional touch-tones. Alternatively, the **K-1900-9** can be programmed to allow touch-tones for use with interactive touch tone response systems.

The **K-1900-9** can also be programmed as a single number hot-line. Because the dialer is A.C. powered, it can be used on low current phone lines.

The **K-1900-9** has a programmable call timer and can be programmed on-site or from a remote location using a touch-tone phone. **Power supply included.**

Model	DOD #
K-1900-9	321

Smart Touch Tone Dialer with Redialing

The **K-1900-30** is an automatic dialer that dials a 1-20 digit phone number, and can be programmed to call up to 4 additional phone numbers if the line is busy, or is not answered. The **K-1900-30** can be used to add the smart dialing features of a Viking Model **E-30** to other non-dialing **E-Series** or **K-Series** phones, or any analog phone.

The **K-1900-30** connects to an analog **PABX, CO** line or **FXS** port. Programming can be done locally, or remotely by calling the unit. **Power supply included.**

Model	DOD #
K-1900-30	300

Automated Voice Message Delivery System

Model K-6000-DVA can automatically notify up to **1000** people of an event cancellation, school, church or business closing or delayed opening *with one call*. You can also **record and forward** a caller's message to a group of phone numbers.

The **K-6000-DVA** is designed to connect to a standard analog **PABX, CO** line or **FXS** port. To activate the unit, an authorized administrator calls the **K-6000-DVA**, dials a 6 digit password, selects a pre-recorded message or records a live message up to 1 minute, then activates the unit via a touch tone command to automatically call all the phone numbers in a pre-programmed group. Up to 6 groups of phone numbers can be preprogrammed into the unit. On site each group can be initiated by a contact closure. Activating an "All Call" calls all preprogrammed numbers to be dialed.

Power supply, USB Adapter and Application CD ROM included.

Six Contacts

User friendly PC programmable

RS-232 to USB Adapter Included.

Analog **PABX, CO** Line or **FXS** Port

Model K-6000-DVA

Model	Description	DOD #
K-6000-DVA	Voice Message Delivery System	307

For faster calling multiple units and phone lines can be used to form a "phone tree."

Eight-Input Alarm Dialer with Digital Announcer

- **"Store Caster" mode available**
- **Non-Volatile memory (no batteries required)**
- **Eight normally open or closed contact inputs**

The **K-2000-DVA** is a programmable, eight input, multi-number auto dialer and digital announcer, designed for emergency and non-emergency message notification. It can store up to eight 32-digit numbers per input, for a total of up to 64 different numbers. The unit is capable of local or remote recording of up to eight different messages (one message per input), with a total recording time of eight minutes. In the "Store Caster" mode, eight different messages ("customer assistance needed in hardware please" etc.) can be provided. **Power supply included.**

Eight Contacts

User friendly PC programmable

RS-232 to USB Adapter available.

Analog **PABX, CO** Line or **FXS** Port

Model K-2000-DVA

Model	Description	DOD #
K-2000-DVA	8 Input Voice-Alarm Dialer	303

Two-Input Alarm Dialer with Digital Announcer

- **Non-Volatile memory (no batteries required)**
- **Two normally open or closed contact inputs**

The **K-202-DVA** Voice Alarm Dialer is a smaller version of the popular **K-2000-DVA** above.

The **K-202-DVA** is a fully programmable two input, multi- number auto dialer and digital announcer, designed for emergency and non-emergency message notification. **Power supply included.**
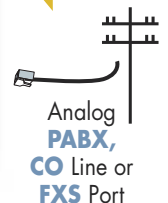
- 2 messages (1 minute record time per input)
- Stores up to seven 32-digit phone numbers per input
- In the event that the dialer receives a busy or no answer it will automatically dial up to six more numbers.
- Local or remote programming and recording

Two Contacts

Analog **PABX, CO** Line or **FXS** Port

Model K-202-DVA

Model	Description	DOD #
K-202-DVA	2 Input Voice Alarm Dialer	305

Enclosures for Installing Telecom Products Outdoors

VE-9x12 and VE-9x20 provide weather protection for Viking products!
- **Parking Lots**
- **Swimming Pools**
- **Playgrounds**
- **Roadside Help Areas**
- **College Campuses**
- **Hospitals**
- **Maintenance Areas**
- **Building Exteriors**

These enclosures are constructed of cast aluminum. They are made for years of outdoor service. The heavy-duty aluminum doors are labeled 'Telephone' and have a gasket seal. The **VE-9x12 -1** and **-2** allow you to choose between two panels that permit mounting many different Viking products. The **VE-9x20** provides mounting for panel phones with handsets.

Model	DOD #
VE-9x12-0	**413**
VE-9x12-1,2	**413**
VE-9x20-0	**413**
VE-9x20	**413**
VE-PBL	**413**
VE-SPG	**413**

VE-PBL – Push Button Lock for **VE-9x12** and **VE-9x20**

VE-SPG – hinge door return spring for **VE-9x12**. (Not assembled)

VE-9x12 (R, Y or B)-0	VE-9x12 (R, Y or B)-1	VE-9x12 (R, Y or B)-2	VE-9x20 (R, Y or B)-0	VE-9x20 (R, Y or B)
Basic Enclosure - No internal mounting panel	E-1600A/E-1600-45A E-1600-03B, E-1600-60A K-1900W-2/K-1500P-W W-2000A/E-20B	E-10A, E-1600-30A E-30/E-35/E-1600-20A W-1000 W-3000/W-3005	Basic Enclosure - No internal mounting panel	K-1500-7 K-1900-7 K-1900-8

For more enclosures see page 33

Also see New Models E-40, E-50, E-60, E-65, E-70 and E-75 (Page 42, 43)

Model E-10A
E-10A-IP
5" x 5" flush mount

Model E-20B
E-20-IP
4.5" x 5.5" surface mount

Analog and VoIP Elevator/Emergency Phones

The analog phones are **PABX, CO** line or **FXS** port powered, do not dial and do not have voice announcers. There are 3 ways of using the unit: (1) Use on analog **PABX, CO** line or **FXS** port with **Viking's K-1900-4**, or **K-1900-5** Single Number Dialers (Page 12); (2) Use on analog **PABX, CO** line or **FXS** port programmed to automatically ring to security; (3) Use with **Viking's DLE-200B Ringdown Circuit.** (Page 27).

Handsfree models **E-10A**, **E-20B** go off hook on the phone line when the button is pressed or will answer on an incoming call then auto disconnects on **CPC**, busy, dial tone or silence.

The **VoIP** phones are powered over Ethernet (PoE) Class 1 <4 Watts. For features and operation refer to **E-10-IP, E-20-IP, E-30-IP** on page 35.

⚠ **When installing E Series door entry phones outdoors, always use the EWP version – See page 32**

Analog Models	
Model	DOD #
E-10A	**210**
E-20B	**210**

VoIP Models	
Model	DOD #
E-10-IP	**248**
E-20-IP	**248**
E-30-IP	**248**

Designed, Manufactured and Supported in the USA!   Questions? Call: 715-386-8861

Requirements for INSIDE the Area of Refuge

Two-Way Communications

Instructional Signage

PUSH FOR HELP

Model 1600A Series

Model ARS-IB100

Requirements for OUTSIDE the Area of Refuge

Directional Signage

AREA OF REFUGE

Model ARS-DLB100 (Left arrow)
Model ARS-DRB100 (Right arrow)

Illuminated Signage

AREA OF REFUGE

Model ARS-LR100

Tactile Signage

AREA OF REFUGE

As required by the following codes:
IBC 1007, 1011
ICC 703
NFPA 22, 101
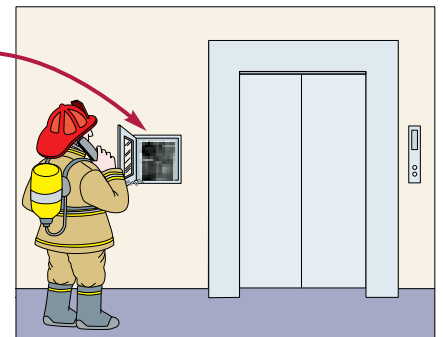**ADA 4.3.11**

Model ARS-TB100

EXIT

Requirements for the Area of Refuge Lobby Command Center

Two-Way Communications System

Area of Refuge Command Center (phone in locked cabinet located in the elevator lobby)

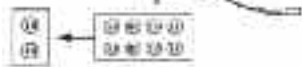**Refuge Locking Command Center Enclosure Model VE-ARSW (surface mount)**

*For buildings under 60 ft. For taller buildings, the Refuge Command Center phone should be located in the Fire Command Center

Recommendations for 6 or Less Area of Refuge Emergency Phones

High Efficency UPS (Tripp-Life model Internet SSU or equivalent)

6 Port Line Concentrator Model LC-6

120V AC

Connect up to 6 Area of Refuge emergency phones **(1600A Series)** to one command center phone and one C.O. line. UPS must have a minimum of 90 minute backup.

Recommendations for 7 - 144 Area of Refuge Emergency Phones

Use Panasonic KX-TA824 with expansion cards and in combination with multiple Viking Model **LC-6s**. See **DOD# 235**

Model	Description	DOD#
ARS-1B100	Area of Refuge sign-Instructional Blue	**235**
ARS-TB100	Area of Refuge sign-Tactile Blue	**235**
ARS-LR100	Area of Refuge sign-Lighted Red	**235**
ARS-DLB100	Area of Refuge sign-Left Arrow Blue	**235**
ARS-DRB100	Area of Refuge sign-Right Arrow Blue	**235**
VE-ARSW	Viking Enclosure-ARS Surface Mount White	**237**

Multi-Line Loud Ringer/2 Watt Paging Amplifier

- **For PABX and electronic key system applications**
- **Drives up to (3) eight Ohm paging horns/speakers**

The **PA-2A** monitors up to 6 analog lines for ringing or can be activated by a phone system contact closure. A loud electronic warble (108 db @ 1 meter), double gang, quadruple chime or a door chime can be selected to announce incoming calls. To page, connect to a paging port or unused **trunk** input or **FXO** port on a phone system. The unit provides 2 watts of power - enough to drive 3 eight ohm speakers. The **PA-2A** has an input for a loud ringing on/off switch, an output for controlling a 12 volt relay and a 600 ohm output for sourcing high powered paging amplifiers. The **PA-2A** includes one paging horn and **power supply**.

For additional ceiling speakers and paging horns use models **25AE, 30AE, 35AE, 40AE,** and **300AE** (see page 19 for specifications).

Model	DOD #
PA-2A	485

General Purpose 15 Watt Telecom Paging Amplifier

- **Supports background music and loud ringing**
- **For Centrex, PABX, IP, and key system applications**
- **Drives up to (15) eight Ohm paging horns/speakers**

The **PA-15** allows paging from a **Key** or **PABX** paging port an unused **trunk** input or **FXO** port (provides 36 volts of talk battery) or a ringing analog **PABX station, Centrex, C.O.** line or **FXS** port. The **PA-15** can disconnect on **CPC,** busy, silence or a 16 to 72 sec (defeatable) timer. The **PA-15** can provide an alert tone prior to paging. Background music (muted during page) can be added from an external source. 4 electronic tones are available for loud ringing. **Power supply included**.

For ceiling speakers and paging horns use models **25AE, 30AE, 35AE, 40AE,** and **300AE** (see page 19 for specifications).

Model	DOD #
PA-15	486

Replaces CPA-7B

30 Watt Professional Telecom Paging Amplifier

- **For PABX and electronic key system applications**
- **Drives up to (30) eight Ohm paging horns/speakers or (50) 70V or 25V speakers**

The **PA-30** provides paging from the phone system paging port or connect to an unused **trunk** input or **FXO** port (provides 40 volts of talk battery). The **PA-30** has separate inputs and volume controls for paging, auxiliary source, loud ringing and background music. A contact closure or ringing line can activate loud ringing. A warble, double gong, quadruple chime or door chime sound can be selected. The **PA-30** also has inputs for a night transfer (loud ringing) on/off switch. The **PA-30** has a 600 ohm output to drive additional amplifiers. Electronic switching eliminates pops and clicks. **Power supply included.**

For ceiling speakers and paging horns use models **25AE, 30AE, 35AE, 40AE,** and **300AE** (see page 19 for specifications).

Model	DOD #
PA-30	489

60 Watt Compact 1 or 2 Zone Power Amplifier

- **Connects to 600 ohm output of PA-2A, PA-15, PA-30, FBI-1A, ZPI-4, FXI-1, PI-1A, DNA-510, CTG-1, CTG-2, RAD-1A, ZPI-4, or MTG-10**
- **Drives up to (60) eight ohm or (100) 70 volt or 25V speakers**

The **PA-60** boosts the power output of smaller paging systems by 60 to 100 speakers. Since each input has its own gain adjustment, one zone can be turned up louder for warehouse paging horn speakers, and the other zone can be turned down for office ceiling speakers. Two zones can also be helpful for installations in which one group of speakers is connected to a source that provides background music using the Viking **PI-1A** paging interface unit, and the other zone provides only paging.

The **PA-60** inputs are transformer coupled so they are floating and isolated. Connect to line level audio or direct to an existing paging amp output. **Power supply included.**

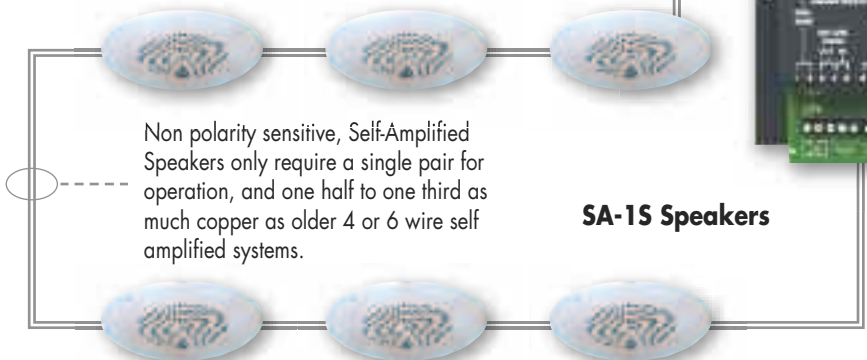For ceiling speakers and paging horns use models **25AE, 30AE, 35AE, 40AE,** and **300AE** (see page 19 for specifications).

Model	DOD #
PA-60	493

Designed, Manufactured and Supported in the USA! Questions? Call: 715-386-8861

Self-Amplified Paging System

Scan here for more information

Viking's **SA-Series Self-Amplified Paging System** eliminates a ladder climb every time users want to change any speaker's volume or features, and there is no need to manage background music zones. Just point the remote at the individual speaker and adjust the volume, mute background music but still receive pages, or mute both background music and paging.

Up to (25) SA-1S Self Amplified Speakers

Non polarity sensitive, Self-Amplified Speakers only require a single pair for operation, and one half to one third as much copper as older 4 or 6 wire self amplified systems.

SA-1S Speakers

Includes one **SA-IR** remote

Infrared Remote

Model **SA-IR** is a three button infrared remote control for use with Model **SA-1S** self amplified paging speakers. Aim the infrared transmitter at the speaker. The up/down buttons allow users to set the appropriate volume level for each room, while the mute button eliminates just background music or all sounds.

Model	DOD #
SA-IR	**527**

Self-Amplified Paging Control Unit

The **SA-25** Self-Amplified Paging control unit interfaces with virtually any telecom or IP phone system with a paging port, a ringing analog **FXS** or an **FXO** port. The system can provide background music from an external source and generate loud or night ringing from a ringing analog station or phone system contact closure. The **SA-25** control unit is backwards compatible with the older Legacy Valcom and Bogen 4-wire self-amplified speakers.

The **SA-25** can directly drive a combination of up to 25 self amplified Viking 2-wire and/or older Legacy 4-wire self-amplified speakers. **Power supply included.**

Model	DOD #
SA-25	**520**

SA-25 Brochure **DOD #902**

Remote Controlled Self-Amplified Speaker

Model **SA-1S** is an 8 inch paging speaker that has a built in 1.5 watt power amplifier, an infrared remote control detector, and an integrated digital volume control, all built into an attractive off-white grill for flush mounting in office ceilings. The **SA-1S** self-amplified paging speaker uses a proprietary two wire protocol in which both 40 volts DC power and audio are combined on the same pair of wires. Connect only to Viking Model **SA-25** controller or use the **SA-X12** expander to connect to any paging system.

Model	DOD #
SA-1S	**525**

Infrared Remote Controllable Paging Horn

The Viking model **SA-1H** is a 5 inch paging horn that includes a 1.5 watt power amplifier, an infrared remote control detector, and an integrated digital volume control. The **SA-1H** self amplified paging horn uses a proprietary two wire protocol in which both 40 volts DC power and audio are combined on the same pair of wires. It is designed for direct connection to the Viking model **SA-25** Controller or **SA-X12** Expander.

Model	DOD #
SA-1H	**526**

Expander/Adapter

Model **SA-X12** is a cost effective way to expand an existing paging system while adding remote control. Connect the **SA-X12** to any existing paging audio (600 ohms, 25V, 70V, 4, 8, or 16 ohms or an **SA-25** controller) and add up to (12) **SA-1S** speakers. **Power supply included.**

Model	DOD #
SA-X12	**529**

Eliminate The Feedback "Squeal" When Paging

- **Contact or VOX (adjustable sensitivity)** activates Paging Amp
- **Improved Fidelity (80K) • Output: 2V RMS into 600 Ohms**

Now your paging amplifier can be turned up to any level and your phones can be located anywhere, even directly under a high-power paging horn. The unit maximizes efficiency by adjusting to the actual page length (up to 32 seconds). A **contact** is provided to activate the amplifier, if needed. **Power supply included.**

HOW IT WORKS: The "live" input from the paging port is digitally recorded. When complete, the paging amplifier is activated and the page is replayed once or twice.

Paging Phone

Model	DOD #
FBI-1A	465

Two-Way, Handsfree Talkback Amplifier

- **Unused Trunk Input or FXO Port**

Provides handsfree talkback paging for use in city desks, shipping, warehouses, service departments or any application where quick answers are needed. Connects to an unused **trunk** input or **FXO** port. Weatherproof bi-directional **paging horn (25AE) and power supply included.** One additional **25AE** paging horn can be used.

Model	DOD #
HF-3W	470

Loud Call Announce/Ringing Amplifier
For electronic key telephones in noisy areas

The **M2W** will amplify call announce messages and ringing tones when connected to the speaker leads of an electronic or digital telephone. It cannot be connected to a 2500 set (use model **PA-2A).** The **M2W** is also useful for expanding the number of speakers connected to a **Viking PA-2A** or **PA-15** (Page 16). Each **M2W** can provide 2 watts of paging power to drive three paging speakers.

25AE paging horn and power supply included.

Model	DOD #
M2W	480

Universal Telecom Paging Interface

- **Select: FXO (loop start), FXS (ring trip) or paging port (VOX relay) interface mode**
- **36 V Talk Battery for use with an FXO port or unused trunk input.**
- **600 ohm volume controlled floating output - Mutes Music during page**

In all modes the **FXI-1** provides normally open or normally closed relay contacts to activate the paging amplifier or connect to an external background music source. After paging, the **FXI-1** auto disconnects on **CPC**, busy signal, silence or default disconnect timer. An electronic night bell over paging feature can be activated from a momentary phone system contact closure. **Power supply included.**

Model	DOD #
FXI-1	494

Page Port, Trunk Input, FXO Paging Interface

- **Night Bell • Mutes Music • 600 ohm output • VOX switching**
- **Provides Talk Battery for connection to an unused trunk input or FXO port.**

Provides paging using phones (instead of a microphone) over a PA audio system. **VOX** contact closure mutes background music for phone systems that don't provide a paging contact (Panasonic, S.W. Bell, Intertel, etc.). If a Paging Port is not available, use an unused **trunk** input or **FXO** port. **Power supply included.**

Model	DOD #
PI-1A	491

Night Bell Over Existing Paging System
Applications: Offices, Warehouses, Clinics – Anywhere people may be working after the receptionist goes home.

Connect to the night service line to provide electronic warble tone over an existing paging system whenever ring voltage is detected. The **K-600F** has both tone and level adjust and provides a relay **contact** for muting music or operation of external signalling devices, 120V bells, strobe lights, chimes, etc. The **K-600F** operates from 40V ringing.

For generating audible tones from a **contact closure** use model **PA-2A** (Page 16) or **PI-1A**. **No power supply required.**

Model	DOD #
K-600F	476

Night Switch for Viking Products

The **NS-1** is an on/off toggle switch mounted in a convenient plastic case. The **NS-1** can be used with any product that requires an external switch closure. The compact design and foam mounting tape make it easy to install the **NS-1** almost anywhere. The **NS-1** has 24" wires and comes with two quick connectors.

Model	DOD #
NS-1	540

4 Zone Paging Controller

- **Expand up to 8 zones using 2 units**
- **Switch up to 200 Watts to 8 ohm speakers**

Applications
- Multiple zone paging for **Centrex** systems
- Multiple zone paging for phone systems with paging ports, unused analog station/**FXS** ports or unused **trunk/FXO** ports
- Multilevel warehouse
- Multiple department manufacturing business
- Multi building office complex
- **Power supply included**

The **ZPI-4** is a four-zone Touch Tone controlled paging system capable of switching a line level (600 ohms) signal to amplifiers or an amplified signal (up to 200 watts) to 70V or 8 ohm speakers.

The **ZPI-4** features balanced audio circuitry throughout for low noise and compatibility with balanced or unbalanced paging system inputs and outputs. There are separate level controls for paging and background music. Background music can be disabled on a per-zone basis. Also provided, is a night bell with adjustable volume, activated by a dry contact closure or a ringing **C.O.**/analog **PABX/KSU/FXS** station. The **ZPI-4** is compatible with ringing **C.O.** lines, **Centrex** lines and analog **PABX/KSU/FXS** station ports (Disconnects on silence, **CPC** or time out) as well as unused **trunk/FXO** inputs, and will interface directly with standard paging ports.

Compatible with these Viking Products
- PA-2A
- PA-15
- PA-30
- PA-60
} Page 16
- Any paging Amp up to 200 Watts

Model	Description	DOD #
ZPI-4	4 Zone Paging Controller	**499**

Single Line Smart Loud Ringer

- **Operates from a ringing analog line or a contact closure**
- 4 different tones available, Warble, Double Gong, Quadruple chime, Electronic Bell
- Provides a door chime tone for either a doorbell, door open or "Push for Assistance" sensor
- 90 db @ 1 meter, 105 db with external **25AE** paging horn
- **Power supply included.**

Line powered loud ringer (see page 24)

Model	DOD #
SR-1	**477**

Paging Speakers and Paging Horns

- **30AE** 8 ohm ceiling speaker with mounting hardware
- **35AE** 8 ohm ceiling speaker with volume control
- **40AE** modern 8 ohm ceiling speaker with excellent sound quality and integral mounting system
- **25AE** 12 watt 8 ohm compact paging horn
- **300AE** 30 watt 8 ohm /70 volt paging horn for additional volume and voice intelligibility

Volume Control

Model	DOD #
30AE	**498**
35AE	**498**
40AE	**498**
25AE	**498**
300AE	**497**

30AE   35AE   40AE   25AE   300AE

Tile Bridge

Use when mounting Viking Models **SA-1S**, **30AE**, **35AE** or **40AE** Ceiling speakers on 2' x 2' or 2' x 4' ceiling tiles

Model	DOD #
SA-TBA	**534**

Speaker Volume Control

Adjust the volume of individual paging horns, ceiling or wall speakers. Compatible with Viking 1-way paging amps. or any 8 or 16 ohm or 25 volt paging system. Mounts in standard single gang electrical box. Not recommended for 2-way (talkback) applications.

Model	DOD #
SV-5W	**488**

Add Paging & CD Quality Door Chimes to Your Whole House Audio System

- **Select from 8 preloaded CD quality files or download your own custom WAV files via your USB port.**
- **Page from multiple lines by connecting multiple units**

The **SLP-4** Single Line Paging controller will allow you to page family members or co-workers from any phone in your home or small business office. The pages can be heard over the same speakers that are installed for multi-zone music distribution.

The **SLP-4** provides inputs for 4 lighted doorbell switches. The inputs select 4 different **CD quality** sounds from a library of eight recordings including Westminster 4 bell chimes, wind chime notes, barking dog, etc. Alternatively, users may record their own **CD quality** sounds into the **SLP-4** from their **PC's USB** port. When the doorbell switch is pressed, or the user pages, the music is muted while the appropriate sound or page is heard over the system speakers.

The **SLP-4** connects in series with a single existing phone line. The unit has a built-in 2 watt amplifier, stereo pre-amp output, music on hold input, intercom features, and selectable loud ringing.
Power supply included.

Compatible with the C-200, C-250, C-500, C-1000B and C-2000B

Model	Description	DOD #
SLP-4	Single Line Paging Adapter with 4 Chimes	**479**

NEW Online: A library of over 100 different downloadable sounds on the Viking website to customize your **SLP-4**. Go to www.vikingelectronics.com and click on "Sound Library" under Quick Links. Select model **SLP-4** and then click on Audio Library to preview and download sounds directly to your computer - easily upload to the **SLP-4** via **USB**.

Digital Mass Emergency Notification/ Evacuation Announcer

- **5 Different Recorded Mass Notification/Evacuation Messages Over Your Existing Paging System**
- **Securely Activate, Reset or Live Page from a Remote Phone**
- **Select from 10 Different Alert Tones**

Model **DNA-510** is a cost effective digital mass notification/ emergency announcer designed to work with a building or campus's existing paging system.

Model **DNA-510** can provide up to 10 different alert tones and up to 5 different digitally pre-recorded voice evacuation or lockdown instructions with a total record time of 2 minutes. Tones and messages can be repeated 1-99 times. The **DNA-510** connects to a phone line, **FXS** or **FXO** port, **PABX** station, or line input of a phone system and can be securely activated or reset from a remote location using a touch tone security code. A live page can also be broadcast.

When activated, the **DNA-510** will interrupt any current paging or background music and inject alert tones and emergency instructions over your paging system.
Power supply included.
Compatible with the **PA-2A, PA-15, PA-30, PA-60** or any paging system.

Alert Tone Applications:
- Evacuation
- Lockdown
- Severe Weather
- Terrorist Alert
- Fire
- Tornado
- Flash Flood
- All Clear

Model	Description	DOD #
DNA-510	Mass Notification Announcer	**492**

Clock Controlled Tone Generator Over Paging

- **Timed single, double or triple chime, or buzzer tones**
- **Alarm and standard NFPA/ANSI evacuation tones**
- **Easy to program, easy to change**
- **Programmable day of week on/off feature**

Provides your paging system with up to 128 timed alert tones per 24 hour period. Different alert tones may be used to indicate start or end of shift, break, lunch, etc. Dry **contact closures** can activate alarm, fire, evacuation etc., sounds over paging. A door chime is also available for night ring or doorbell. These sounds can be activated remotely via a telephone using **Viking RC-3** (Page 40). Use with the **DVA-2WA** (Page 26) for timed announcements.

All programmed tone events are stored in **non-volatile memory**. A 9-volt NiMH rechargeable battery (factory installed) maintains clock time for over 8 hours during a power failure. In the event of battery failure, only the time needs to be re-entered. **Power supply included.** To listen to the **CTG-1**, call 715-386-8861 and request ext. 280.

Model	DOD #
CTG-1	**460**

Designed, Manufactured and Supported in the USA!   Questions? Call: 715-386-8861

Master Clock/Clock Controlled Tone Generator Over Existing Paging System

- **Accurate time base synchronizes periodically with the atomic clock via Internal modem**
- **Can also be used as a Master Clock to synchronize Viking CL series clocks**
- **Automatic daylight savings time and leap year correction**

Viking's model **CTG-2** is an advanced clock controlled tone/message generator designed to provide accurately timed tones and/or messages over your existing paging system. This provides a cost effective way of signaling school period changes, factory shifts, breaks, lunch periods or provide messages at specific times for store sales, promotions, closing times, airport loading zones, etc. The **CTG-2** can also be used as a master clock to automatically synchronize **Viking CL Series** clocks.

- Up to 14 schedules, and up to 1000 events
- Pre-loaded with common school, business and factory alert tones or download with your own messages/tones via the **USB** port
- Total of 6 minutes of **CD** quality WAV file record time
- 4 inputs for triggering emergency fire evacuation, severe weather, lock down and all clear alert tones or messages

- RS-485 output for communicating time sync data when used with **Viking CL Series** wireless analog and digital clocks (see below)

The **CTG-2** comes with programming software and a **USB** port to allow PC programming of timed events, schedules, Atomic clock synchronization, wave file down load, message volume, day light savings time, leap year, auxiliary relay control, etc.

Once programmed you can change the **CTG-2**'s schedules or turn the unit on or off remotely from any touch tone phone. **Power Supply Included.**

Model	DOD #
CTG-2	463

Wireless Synchronized Clocks, RF Transmitters and Accessories

• All clocks have built in 1/4 watt repeaters capable of retransmitting the clock sync signal up to 500 ft in open space.

Viking's Wireless Clock System provides reliable, accurately synchronized clocks for your entire facility. Eliminating dedicated clock wiring can save you thousands of dollars on installation and also allows for easy retrofitting. The system is comprised of a **CTG-2** master clock, a **CL-RFT** clock RF transmitter and Analog or Digital wireless slave clocks. The clocks will always display the correct time via Atomic clock updates from the **CTG-2**.

2.5" and 4" Digital Clocks (shown with optional double mount bracket **CL-DMD2** or **CL-DMD4**)

CL-D2 & CL-D4

Wireless bright digital clocks require 120 volt AC outlet **(Power supply included).** The clocks are updated every minute from the **CTG-2**.

16" Analog Clocks
(shown with optional double mount bracket **CL-DMA16**)

Wireless Analog clocks are battery operated and require no wiring. Battery life using (2) D size Duracell Procell batteries is more than 5 years. The clocks are updated every 4 hours from the **CTG-2**. Clocks can be located up to 6,500 ft. from the **CL-RFT** transmitter/repeater or up to 500 ft. from another synchronized clock.

CAUTION: CL series clocks cannot be used as stand alone clocks. They must be used in conjuction with a **CTG-2** master clock and one or more **CL-RFT** transmitters.

CL-A16

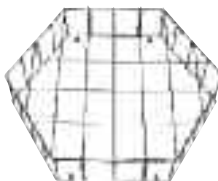### 12" Analog Clock

CL-A12

RF Transmitter/Repeater

The **CL-RFT** transmitter receives time sync data from the **CTG-2** and transmits to the clocks via 915 to 928 MHZ frequency hopping technology. Powerful 1 watt (30dBm) output communicates up to 6,500 ft. in open space. Can also be configured as a repeater for larger spaces. Dimensions 11"H x 8" W x 1.7" D. No FCC license required.
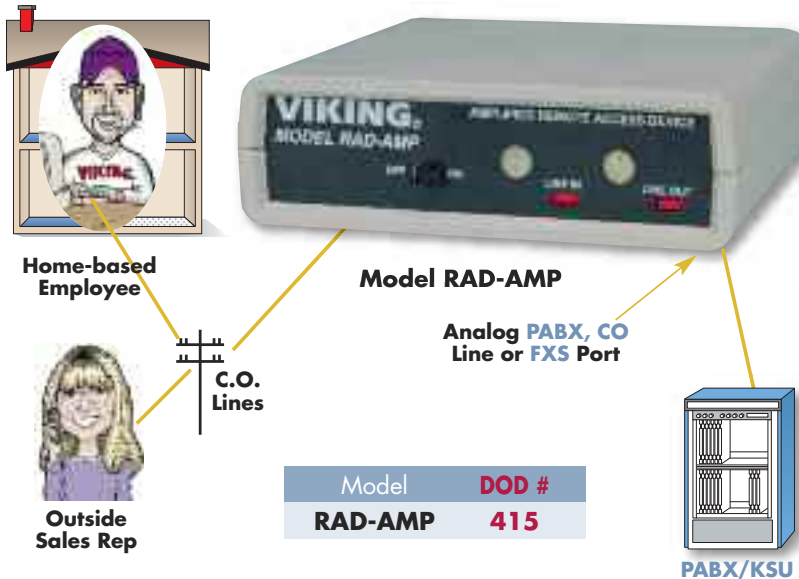
CL-RFT

CL-WGA12 & 16
12" and 16" Analog Clock Wire Guard

Model	Description	DOD #
CTG-2	Master Clock	463
CL-A12	12" Analog Clock	466
CL-A16	16" Analog Clock	466
CL-D2	2.5" Digital Clock	466
CL-D4	4" Digital Clock	466
CL-RFT	RF Transmitter/Repeater	466
CL-DMA12	12" Double Mount (Analog)	466
CL-DMA16	16" Double Mount (Analog)	466
CL-DMD2	2.5" Double Mount (Digital)	466
CL-DMD4	4" Double Mount (Digital)	466
CL-SMD2	2.5" Surface Mount (Digital)	466
CL-SMD4	4" Surface Mount (Digital)	466
CL-WGA12	12" Wire Guard (Analog)	466
CL-WGA16	16" Wire Guard (Analog)	466
CL-WGD4	4" Wire Guard (Digital)	466

Amplified Remote Access Device

Home-based Employee

Outside Sales Rep

C.O. Lines

Model RAD-AMP

Analog PABX, CO Line or FXS Port

PABX/KSU

Model	DOD #
RAD-AMP	415

Telecommuting Features
- Works with cell and standard phones
- Supports PABX call transfer, voice mail, call conferencing and paging
- Log in, Log out capability
- Callers don't realize they've been transferred
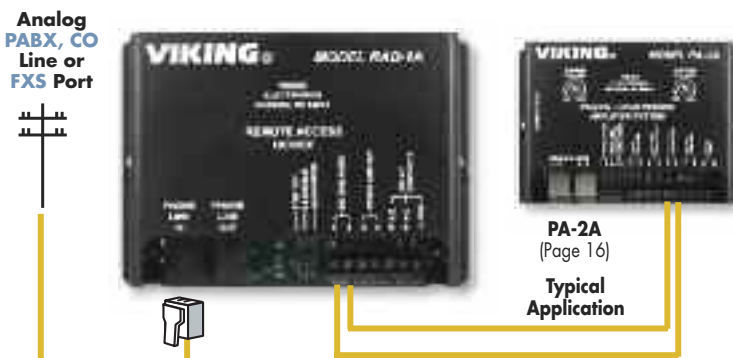
Features
- Call Diverter, Line Extender • DISA
- Remote SO-24A Service Observation (Page 29)

The **RAD-AMP** is amplified for **DISA**, line extender, call diverter and remote access to **Viking's SO-24A Service Observer** (Page 29). The **RAD-AMP** disconnects on **CPC,** return dial tone, silence, busy signal or call timer.

It can provide two levels of security before allowing access to DISA or line extender applications. In line extender applications, the user does not have to hang up and redial the **RAD-AMP** to make another call. Simply dial "#2" to get a new dial tone. Dialing a "#1" provides a hook flash on the "Line Out" port to access **PABX/Centrex** features. **Power supply included.**

Phone Line Powered Remote Access Device

- Remote Access to one-way Paging Amplifiers • Advertisements • Radio or Church Programs

Analog PABX, CO Line or FXS Port

PA-2A (Page 16)

Typical Application

The **RAD-1A** is designed to allow you to call from any Touch Tone phone and then remotely access paging systems, digital recorders, etc. The unit connects to any **loop** or **ground start C.O., Centrex, PABX** line or **FXS** Port.

The **RAD-1A** answers on the first ring and disconnects on **CPC,** call time out, silence time out, busy signal or by dialing "#7". The **RAD-1A** provides a floating 600 ohm output and also an auxiliary relay **contact**.

The **RAD-1A's** call timer can be set to limit access time from 3 seconds to 2 hours.

Model	DOD #
RAD-1A	410

For other applications; see **DOD# 874**

Eliminate Long Distance Toll Abuse

Applications: Courtesy Phones • Bars and Restaurants • Construction Site Phones • Employee Lunch Rooms • Time Share Condos • Roommates • Prevents 976 & 900 Abuse • Hotel/Motel • Inbound Only Phones (with override) • Calling Card Only • Emergency Phones

Programmable Touch Tone and Rotary Toll Restrictor with Override Bypass Code

- **Non-Volatile Memory** - **No batteries required**
- **1 to 50 Minute Call Timer**
- **Analog PABX, CO Line or FXS Port Powered**
- **Centrex and PABX Compatible**

Program up to 40 prefixes, area codes or phone numbers to be blocked or allowed. The **TR-1** can block all Operator assisted calls, Directory Assistance, 976 and 900 calls, and "1+" long distance, while toll-free calls (selectable allow/block) and emergency "911/311" calls (always allowed) are ignored.

The **TR-1** features can be programmed on site or remotely using a Touch Tone phone. The programmer must know the unit's security code to change the programming. The 6 digit override bypass code allows parents or supervisors to make calls normally blocked by the **TR-1.**
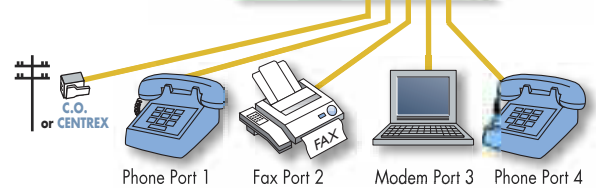
Model **TR-1** (shown open) conceals inside a standard **RJ-11** Jack.

Model	DOD #
TR-1	705

Fax machines, modems and credit card readers save time and improve communications. **Viking's Line Sharing** devices can save you the monthly $20 to $60 cost of installing additional phone lines.
Now you can enjoy all the benefits of a modem or fax without the additional telephone line charges. **Viking's Fax Switches** pay for themselves in just a few short months.
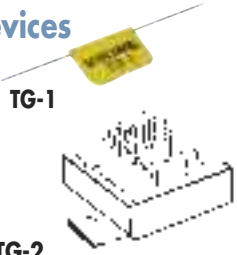
- Allows any four analog devices to share a single line
- **Ports are balanced to prevent noise on long runs**
- **Caller ID information is stored and retransmitted during transfer**
- **Provides realistic ring-back tones while re-ringing selected device**
- Routes calls via **CNG** tone, **distinctive ringing**, touch tones sent by calling device or manually
- Compatible with high speed modems
- Automatic "privacy" eliminates interruptions on both in and outbound calls
- Monitors for calling party control (**CPC**)
- **Power supply included.**

Four Port Enhanced Auto Routing Switch

C.O. or CENTREX — Phone Port 1 — Fax Port 2 — Modem Port 3 — Phone Port 4

Model	Description	DOD #
FAXJ-1000	Four Port Enhanced Auto Routing Switch	**261**

Single Line Privacy Devices

For punch down or terminal block installation in series with Tip or Ring. **TG-1**

For modular applications. One **TG-2** will protect two devices.

TG-2

The 7 foot **Automatic Privacy Cord** replaces the standard modular line cord connecting your telephone, fax machine or modem to the telephone line.

PC-7

Prevent Interruptions In Voice, Fax or Data

Viking's Teleguard Automatic Privacy Devices prevent your phone calls or fax/modem transmissions from being interrupted if someone accidentally picks up another extension. Teleguard also protects against eavesdroppers.

With **Viking's Teleguard,** whichever device accesses the analog **PABX, CO** line or **FXS** port first denies any other teleguard-equipped device access to the line until the call in progress is terminated. Incoming calls will ring into all devices simultaneously. The device that answers first denies any other teleguard-equipped device access.

Any telecom device not equipped with **Teleguard** can always break into a phone call or transmission.

Two Line Privacy Device

PJ-14

The **PJ-14** provides one or two lines of Teleguard protection built into a wall mountable **RJ-14** jack.

Model	Description	DOD #
TG-1	Single Line Privacy Device	**560**
TG-2	Two Device Modular Device	**560**
PC-7	Automatic Privacy Cord	**560**
PJ-14	Two Line Privacy Device	**560**

These Viking products are available but not featured in this catalog.

Model	Description	DOD#
DB40-BN	Door Bell Button Panel in Bronze	**189**
DB40-WH	Door Bell Button Panel in White	**189**
ACA-1A	Automated Call Attendant (1 Port)	**005**
DVA-LPA	Phone Line Powered Digital Announcer	**128**
EV-1	Emergency Voice Module	**135**
K-1500-E	Elevator Phone, No Dial Pad	**220**
K-1500-EHFA	Handsfree Elevator Phone	**220**
K-1600-EFHA	ADA Handsfree Red Elevator Phone	**215**
LS-4x4	Four Port by Four Port Line Scanned	**270**
MOH-2L	Two Line Music on Hold Device	**407**
TMS-2	Call Sequencer for 2-Line Phones	**062**
TMS-6X	Call Sequencer for 6-Line Phones	**065**
TMS-12A	Call Sequencer for 12-Line Phones	**070**
SQRG-12	Sequential Ring Generator	**060**
TMS-RDMA	Remote Display	**075**

Panasonic Doorphone Station Adapter

The **PAN-1** allows a Viking "E" series speaker phone (**E-10A, E-20B, E-30, E-35, E-40, E-50, E-60, E-65, E-70, E-75,** etc.) to be connected in place of a Panasonic KX-T30865 or KX-T7775. **Power supply included.**

Model	DOD #
PAN-1	145

Line Powered Loud Ringer

This auxiliary electronic ringer operates on any analog line that provides a minimum of 40 volts 20-30 Hz AC ring voltage. Nominal 3 KHz warble provides up to 92 dB SPL @ 1 meter. The **LPR-1** can be connected via screw terminals or modular **RJ-11** jack. A volume control and a 7 foot modular cord are provided. **No power supply is required.**

Model	DOD #
LPR-1	550

Talk Battery Booster

Model TBB-1B (see page 31)

Generate a CPC Disconnect

Model CPC-1 (see page 31)

Multi-Tone Generator

Provides 10 different siren, warble, and chime tones.

The **MTG-10** can be connected to a paging source, phone system's paging port or background music. When a contact closure is provided to one of the inputs, the paging or background music is faded out and the appropriate tone is generated over the paging system. The siren and the evacuation whoop have priority and override any other tone.

The **MTG-10** can also be configured to provide a tone every 15 seconds to notify callers that their call is being recorded. **Power supply included.**

Model	DOD #
MTG-10	482

Time Delay Relay

The **TDR-1** can be programmed to produce one of 8 closure times from .5 to 20 seconds. Can also be set up as a delay on operate relay. Accepts positive or negative-going logic level voltage or a contact closure. **Power supply included.**

Model	DOD #
TDR-1	421

Loop Detector Board

The **LDB-1** provides a contact closure when used in series with telecom devices on an analog phone line. Analog **PABX, CO** line or **FXS** port powered.

Model	DOD #
LDB-1	406

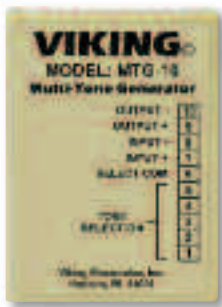## Loop and/or Ring Detector

Operate strobe lights, security cameras, etc. The **LDB-2** Ring/Loop Detect monitors an analog phone line for ringing and/or in use condition. 2 sets of relay contacts are activated when these conditions are detected. When monitoring for ring, the relay can be adjusted to stay on steady or follow a ring cadence. A 12 volt output is provided. **Power supply included.**

Model	DOD #
LDB-2	408

Advanced Loop and/or Ring Detector

Ideal for use with two-button emergency phones!

The **LDB-3** monitors an analog phone line, **PABX** or **FXS** line and provides a **normally open** or **normally closed** contact during ringing, off hook or both. The unit can also provide a 12V DC 350 mA output for strobes. The **LDB-3** can follow the ring cadence or stay on steady during ring. It can be set up not to activate from "Info" button on two-button phones. **Power supply included.**

Model	DOD #
LDB-3	409

Single Line Paging Controller/2 Watt Amplifier

• Add paging, phone-to-phone intercom and door chime to your whole house audio system.

The **SLP-1** allows the user to page family members or coworkers from any phone in your home or small business. Pages are heard over the same speakers installed for multi-zone music distribution. Music is muted during the page and optionally during phone calls. If the user is on an in- or out-bound call, the caller can be placed on hold with music during the page. The **SLP-1** can provide ringing and door chime over the system. An input for a lighted doorbell switch and an output for 12 volt trigger or relay contact is provided. The unit controls both mono and stereo sound systems. An auxiliary 2 watt mono amplifier can power 3 paging horns or speakers. Analog **PABX, CO** line or **FXS** port. **Power** **supply** **included.** **(Also see SLP-4 on page 20)**

Model	DOD #
SLP-1	478

Notes

When you buy a Viking Product everything you need to install it is included in the box!

Viking provides all the following items if required...power supply, paging horn, T-adapter, allen wrench, screws, audio and remote cables, double backed tape, rubber feet, a technical practice and warranty information.

Benjamin David Hanson

VIKING
Security and Communications Solutions

Baby priceless, not included.

P.C. to Phone Line Interface/Controller

• Windows 98, NT 4.0, 2000, XP and 7 compatible software
• Emergency Phone Polling (Page 4-8)
• Remote Programming of AES-2000 Entry System (Page 39)

NEW **Hotel/Motel wake up application on the CD ROM.**

NEW **Emergency phone polling/ programming application**

(PC not included)

The **PB-100** connects to a serial or **USB** port on your P.C. and also to an analog phone line. The **PB-100** accepts ASCII commands to seize the phone line, watch for busy, and to send and receive Touch Tones or data. If the P.C. is equipped with a sound card, the audio input and output can be coupled to the phone line. **CD ROM** is included with programs to do emergency phone polling, **AES-2000** (Page 39) programming, hotel/motel wake up dialer or design your own voice announcer, message center, etc. **Power** **Supply** **Included.**

Model	DOD #
PB-100	232

Digital Voice Announcer with 7.5 Minutes of Record Time

Applications: Promotion-On-Hold, Airports, Message Repeater, Museum/Information Displays, Moving Sidewalks

- 2 watt amplifier for use with paging speakers and horns
- AGC for recording from handset, tape, CD, PC soundcard, etc.
- 4 professional on-hold messages included
- Recording can be on-site or in a professional studio
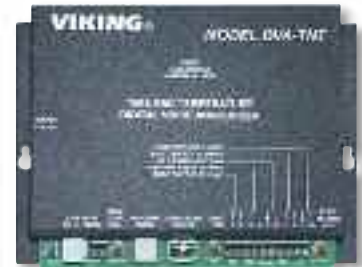- **Power supply included**

Brahms Lullaby Announcer
see **DOD# 865**

Model	Description	DOD #
DVA-2WA	Digital Announcer with 2 Watt Amplifier	**110**

Time and Temperature Announcer

Applications: Stand Alone Time and Temperature, Banks, Hotel/Motel Wake Up, Remote Temperature Monitor

- Select Celsius or Fahrenheit
- **Ring trip** operation
- Local or remote recording
- Record up to 30 seconds of customized messages both before and after the time and temperature announcement
- Can provide night message
- **Power supply included**

To listen to the **DVA-TNT**, call 715-386-8861 and request ext. 255

Model	Description	DOD #
DVA-TNT	Time and Temperature Digital Announcer	**129**

Professional Digital Voice Announcer / Recorders

Applications: ACD, UCD, Intercept, Hotel/Motel Wake Up, Night Answer, Ski Resorts, Movie Theaters, Work Schedules, School Closings, Out of Service, Etc.

Model DVA-500A
- Single 1 minute channel
- **Ring trip** or **4 wire E&M**
- Local or remote recording
- **Power supply included**

Model DVA-1003B
- 3 independent 1 minute channels
- **Ring trip** or **4 wire E&M**
- Local or remote recording
- Announcer cycles automatically, adjusts to message length
- **Power supply included**

Model DVA-3003
- 3 independent 1-4 minute channels or a single 12-minute channel*
- **Ring trip** or **4 wire E&M**
- Local or remote recording
- **Power supply included**

Expand each channel to 2, 3 or 4 minutes with **ERAM-60** 1 minute kit.....
DOD# 813

Standard Carbon Handset for voice recording. Use with: **DVA-2WA, DVA-500A, DVA-1003B, DVA-3003, TMS-6X, TMS-12A**

Model
Q171030

Hotel/Motel Wake Up Application - See **PB-100** (Page 25).

Model	Description	DOD#
DVA-500A	Digital Announcer (1 minute)	**115**
DVA-1003B	3-Channel Digital Announcer (1 minute/channel)	**125**
DVA-3003	3-Channel Digital Announcer (1-4* minutes/channel)	**127**

*requires ERAM-60 expansion chips.

Automated Receptionist - Digital Call Screening and Messaging System

NEW

- Add "This call may be recorded..." or "Our store hours are..." to the line input of your phone system or single line phones
- Cost effective - Quick and easy programming via your phone
- 12 minutes of flash memory

The **AR-1** Automated Receptionist answers calls with an informative greeting then, let callers ring through to talk to someone live, select from other prerecorded messages or hang up. Programming functions and message recording are accessed locally or remotely, using a standard Touch Tone phone, or record from tape, CD, PC, etc. Up to 8 different messages can be recorded. They consist of a Day greeting, a Night greeting, a transfer message, four Menu messages, and a Goodbye message. The **AR-1** can allow callers with the correct code to bypass the greeting and ring through. The unit can allow callers to enter 0, 7, 8, or 9 to ring the phone port in 4 different distinctive ring patterns.
AR-1 can allow calls to ring through after the caller has listened to the entire greeting message. The **AR-1** passes caller ID to the phones or phone system.
Power supply included.

Model	DOD #
AR-1	**105**

26

Designed, Manufactured and Supported in the USA!   Questions? Call: 715-386-8861

Two-Way Ringdown Circuit

Features
- 0.15 or 2 sec **CPC**
- Precise dial tone
- Standard or **distinctive ringing**
- 20 **Hz**/2 **REN** ring output
- Prison phone mode
- 4.75" x 2.75" x 1.38"
- 32V **talk battery**

Applications
- Demonstrate telecom gear
- Prison Phones
- Program alarm panels
- Test and repair
- Inter system communication
- Dialogic or rhetorex cards interface
- Golf course phones

Power supply included.

The **DLE-200B** Line Simulator produces two-way communication between standard telecom products such as key systems, **PABXs,** fax machines, modems, dialogic cards and standard single line phones without the requirement for phone lines.

Model	DOD #
DLE-200B	605

Advanced Two Way Ringdown Circuit Supports High Speed Data

Power supply included.
Max. loop length per port: 7,000 feet using 24 ga. twisted pair

Model	DOD #
DLE-300	607

- **911 mode for classroom training**
- **Produces precise dial tone, ringback, busy, reorder, and S.I.T. tones**
- **Touch tone detection or standard Ringdown**
- **Provides name and number caller ID**
- **Audio input/output jack for amplified speaker or loading voice mail systems.**

The **DLE-300** simulates **loop start** phone lines and allows two-way communication between telecom devices or systems. It provides standard or **distinctive ringing** (6 **REN**) and 40 volts **talk battery**.

The **DLE-300** eliminates leasing phone lines for diagnostics testing or demonstrations. A **CPC** break is provided after hang up.

Open Your Door/Gate With Your Bluetooth Phone

NEW

- **One touch operation**
- **Programmable security code**
- **N.O. or N.C. timed 24 volt 2 amp contact**
- **Easy to use free application software**
- **Easy 3-wire installation**

Model	DOD #
BTC-1	175

Add Two-Way Voice Communication to Your Existing IP Network Camera

NEW

If your IP Network Camera has line level audio connections, add the **MSB-30** to allow both audio and video to stream over the internet. Even if your camera already has a tiny speaker and mic, the **MSB-30** can be added to provide better and louder sounding audio.

The **MSB-30** has a microphone, a speaker, controls for speaker volume and microphone sensitivity, and a momentary push button housed in a stainless steel flush mount panel. An optional Viking Model **VE-5x5** can be used to surface mount it to a wall or pedestal. A 2 watt amplifier powers the internal speaker and can be used to power external speaker/paging horns.

The **MSB-30** "CALL" switch can provide a momentary contact to trigger the IP network camera, or ring a door bell. The blue LED shows the unit is powered, helps identify the "CALL" button at night, and can wink off when the button is pressed. Marine grade 316 stainless steel panel.

The **MSB-35** is identical to the **MSB-30,** but also includes a high resolution analog video camera.

MSB-30

⚠️ **When installing the MSB-30 or MSB-35 outdoors, always use the EWP version - see page 32.**

Model	DOD #
MSB-30	213
MSB-35	216

See if Lines are in Use or Ringing

- **Viking's 24 Line Status Monitor** is compatible with analog **PABX** Station, **FXS** ports or **Centrex Loop** and **Ground Start Lines**
- **In-use lines show a steady LED**, ringing lines flash
- Volume adjustable common audible tone
- Ringing can be delayed up to 7 rings on a per line basis
- **Non-volatile memory**
- Desk or wall mounting display requires only 1 cable pair - Up to 3 displays can be connected to the scanner.
- **Power supply included**

Model	Description	DOD #
LM-24S	Display and Scanner	**670**
LM-24D	Additional Display	**670**

Blue Strobe with Steady-On-Beacon Kit

- **High intensity long life LED technology**
- **4 programmable flash patterns**
- **6 programmable brightness settings**

Model **BLK-4** monitors analog lines for ringing and/or off hook or uses a contact closure. Program the strobe to flash steady or follow ring cadence.

It will not flash on incoming calls (selectable) or "info" calls (**E-1600-20A** page 6). The kit includes 4" diameter LED strobe, hardware, control module and **12V power supply.** For use with **Viking** emergency phone or any analog phone. **Enhanced Weather Protection (EWP) available.**

Red, Amber and Clear lens sold separately (go to vikingelectronics.com and click spare parts)

Model	DOD #
BLK-4	**654**
NEW **BLK-4-EWP**	**654**

911 Strobe Controller

Nursing Homes, Office Buildings, Strobes for Rural Houses - When you need to know where a 911 call originated.

- Activates on 911, 9-911, and 8-911 calls and 555 (test) or "custom number"
- Bright flashing ¾" **LED** visible over 100ft
- Resets by Contact Closure or Touch Tones
- Can provide 12VDC or relay contact to operate an external strobe or visual indicator

Also activates on user programmable number

- **Power supply included**

Model	DOD #
SC-911	**236**

LED Strobe Light

- **High intensity long life LED technology**
- **4 programmable flash patterns**
- **6 programmable brightness settings**
- Requires 12VDC Power

Red, Amber and Clear lens sold separately (go to vikingelectronics.com and click spare parts)

Model	DOD #
SL-2	**242**
SL-2-EWP	**242**

Visual Telephone Status Indicator

- **Bright ¾" LED visible over 100 feet**

APPLICATIONS:
- **Telemarketing**
- **Office cubicles**
- **Tech Support**
- **Customer Service**
- **Message Waiting**
- **Sales offices**

HEADSETS: Flashing **LED** ends interruptions by indicating that you are "On the Phone". (Special T adapter provided.)

ELECTRONIC PHONES: Flashing **LED** eliminates guessing whose phone is ringing. Connect to electronic phone's speaker.

ANALOG PHONES: Flashing **LED** indicates "Ringing", steady **LED** indicates "On the Phone" and "stutter" flash indicates message waiting stutter dial tone is detected. Will also follow the cadence of 90 to 125v message waiting voltage. **Power supply included**.

Model	DOD #
VR-1B	**697**

Visual "Ring", "Off-Hook" and "Message Waiting*" Indication

The **Viking Model LPL-1** connects to any standard analog phone line to provide visual flashing "Ring", steady "On the Phone" or fast flash "Message Waiting*" indication. The large flashing **LED** can be seen up to 100 feet away. When used with a headset on an analog phone, you can end interruptions when associates don't realize you are on the phone. **Phoneline powered.**

*When installed on phone systems with standard 90VDC message waiting voltage. Will not detect stutter dial tone.

Model	DOD #
LPL-1	**640**

LM-1A Message Waiting Light Retrofit Kit

- Operates on standard 70-180V DC message waiting voltage
- Fully modular for quick plug-in installation
- Blinks on message waiting or ringing
- 100% solid state for highest reliability
- **LED** visible for 50 feet
- **Replaces LM-1 and LM-1LV**
- Not designed to detect stutter dial tone (use model **VR-1B** above.)

Model	DOD #
LM-1A	**662**

Add *Silent Service Observation* to Any Phone System

- **Allows supervisors to silently monitor their employee's phones**
- **New station wiring not required for analog key or single line phones**
- **Higher volume levels (adjustable)**
- **24 station capacity can be expanded to 240 stations. Each SO-24A added, provides an additional 24 stations.**
- **Dial up code can be programmed to match the phone system's station or extension numbers.**
- **Call progress tones for observing supervisor**

Cord set for digital phone systems

Model	DOD #
SO-24 AK	819

Important Features

- Connect one to ten **SO-24A**s to an unused phone system line input or to a dedicated single line phone
- **Built-in "Talk Assist" feature**
- Cables provided for external cassette recorder
- Can be configured for digital phones with **SO-24 AK**
- **Automatic gain control** equalizes in and outbound conversation levels
- Additional supervisors each require a parallel system

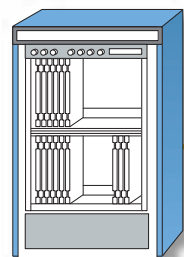For remote access use
Viking Model RAD-AMP (Page 22)

Now you can monitor, train, motivate, even assist your personnel or customer service staff without disrupting the activity at their work station.

Each **SO-24A** Service Observation Unit lets you access 24 stations (up to 240 with 10 units) or phone lines by dialing a two to four - digit code from any supervisory phone. Install additional **SO-24A**'s for larger installations.
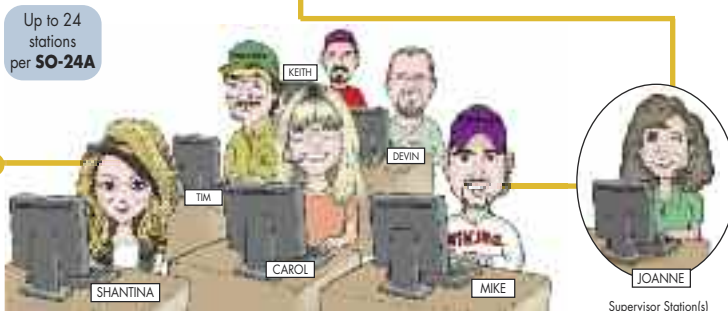
Station being monitored hears nothing; however, a supervisor can quickly enter the conversation by dialing a "*****". A cassette recorder output permits selective recording by simply dialing a "**9**". Alternatively, all monitored conversations may be recorded.

The **SO-24A** is a valuable management tool for training new staff and improving performance of current employees. **Power supply included**

Model	DOD #
SO-24A	690

Up to 24 stations per **SO-24A**

KEITH
DEVIN
TIM
CAROL
MIKE
SHANTINA
JOANNE
Supervisor Station(s)

Analog **PABX, CO** line or **FXS** port

Professional Telecom Recording Kit

Handset Adapter

PTR-1 Interface Module

Recorder Audio Cable

Modular Line Cord

The **PTR-1** allows you to record:
1) All conversations on a particular phone line.
2) Only conversations on your particular analog or digital telephone set.
3) Only selected conversations (using the recorder controls).

The **PTR-1** is designed to work with standard digital or tape recorders with built-in **VOX** and **ACG** circuits.

Model	DOD #
PTR-1	438

What is a beta site?

A beta site is where a customer allows our products to be tested in the field prior to being released for production. **VIKING** makes a practice of using beta sites to seek input on improvements in operations, installation or other design parameters. They are useful in ensuring that the product is of the best quality before full production. It allows the customer to be the first to try a new design or concept without waiting the usual pre-production lead-time of eight to twelve weeks. For more information regarding beta sites call the beta site coordinator at 715-386-8861.

Q. How do I qualify to participate as a beta site?

A. Qualifications include being willing to evaluate the product for at least thirty days and communicate with a **VIKING** technician regarding the application and performance of the unit. You must also be willing to accept that **VIKING** may need to make changes in hardware or software.

Q. When would **VIKING** not use a beta site?

A. Occasionally, on custom designs or software, or if the customer time frame is too short to permit a normal beta test. In that case the customer must take financial responsibility for problems or changes.

Q. Can I order beta units directly from **VIKING**?

A. Like all **VIKING** products, beta units must be ordered through our distributors.

Q. What if I decide to keep the product?

A. You are under no obligation to keep the product, but if you decide to do so, your distributor will bill you directly.

Does Your New IP Phone System Need More Power for Ringing Legacy Equipment?

Ring Shape Conditioner / Power Booster

• **For applications behind IP and digital phone systems**

Often IP phone systems, when used with Legacy phones, loud bells, strobes, etc. do not ring the older equipment loud enough or in some cases, operate them at all.

Designed for applications requiring higher ring voltage, higher ring power (up to 4 REN per line) or a sine wave (vs. square) ring signal. **Need to ring more phones?** The **RG-10A** (page 31) rings 12 or more phones per line.

Viking's 1-24 line ring shaper/boosters put the ring power back into your installation.

Any Viking Ring Booster

1-Line Wall Mounted Ring Shaper/Booster

• **Power supply included**

Model	DOD #
RG-4	416

4-Line Wall Mounted Ring Shaper/Booster

• **Power supply included**

Model	DOD #
RG-204	417

12 and 24-Line Ring Shape Conditioner / Power Booster

• **RJ-21X "plug and play" install for CISCO VG224**

• **19 inch rack mount**

• **Power supply(s) included**

Model	No. Lines	DOD #
RG-212	12	419
RG-224	24	418

RG-212 and RG-224 Rear View

Convert Loop Start Equipment to Operate on Ground Start CO Lines

• **12 Circuit Converter**
• **No Power Supply required**

Model **GLS-12** is designed to allow up to 12 standard telephone sets, multi-line key systems and other loop start equipment to be connected to 2 wire ground start **CO** trunk lines. The **GLS-12** provides the **CO** with the signaling required to draw dial tone when the loop start equipment goes off hook. Incoming calls ring directly to the loop start devices.

Model	DOD #
GLS-12	570

Receive Incoming Calls During Power or System Failure

• **Operates on 24 to 48 Volt systems**
• **Improved automatic ground start converter for outbound calls.**
• **Loop or ground start**
Continue to receive your calls, even if the phone system is down. **Viking's** bypass unit connects 6 standard single line station phones directly to the **C.O.** lines.

When the system is restored, calls in process will not be interrupted. **Viking's** bypass unit will reconnect the phones to their station circuit only after they become idle. **Power supply included.**

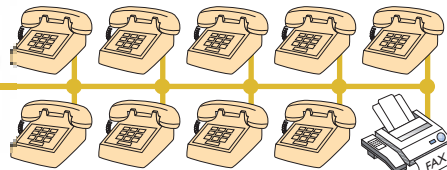Model **PF-6A** operates when power is lost or on an alarm **contact closure**.

Model	DOD #
PF-6A	680

30

Designed, Manufactured and Supported in the USA!   Questions? Call: 715-386-8861

Ring Booster Rings Twelve Additional Analog Phones

• Compatible with Caller ID • Provides 90V AC Nominal

For use with Analog **PABX, CO** Line or **FXS** Port, **FAXJ-1000, C-1000B, DLE-200B, DLE-300, W-1000, W-2000A, W-3000** etc.

Up to twelve standard **1 REN** phones

Viking's Ring Booster increases ringing power to 12 **REN**. The **RG-10A** permits installation of up to 12 additional ringing phones or telecom devices on any analog **PABX, CO** line or **FXS** port, **FAX-JACK** type line sharing device, **W-1000/2000A/3000** doorboxes, or **DLE-200B** or **DLE-300** (Page 32) ringdown circuits.

The Ring Booster duplicates the incoming ring frequency and cadence. Compatible with **distinctive ringing.** Power supply included.

Model	DOD #
RG-10A	**420**

Long Loop Adapter - Extend PABX Station to 30,000 feet!
• Designed to Ring AVAYA IP Office Trunk Input

Analog **PABX, CO** Line or **FXS** Port

Up to 30,000 feet

OR

OR **Analog Phone**

Unused **Trunk** input or **FXO** port

• Provides additional lightning and surge protection
• Provides 48VDC talk battery
• Provides 20Hz, 10 **REN** sine wave ringing
• DTMF and pulse dialing compatible
• Detects AC and DC ring signals
• Passes Caller ID
• Passes hook flash and **CPC**
• Electronically isolates **PABX** from extended loop
• **Replacement for Proctor 46222**

Model	DOD #
LLA-1	**615**

Four Channel Long Loop Adapter
– 4 Line Version
Direct replacement for Proctor model 46224

Model	DOD #
LLA-4	**620**

Talk Battery Booster

Boost Talk Battery and Loop Current to Line Powered Devices

• Screw terminal connections for easy installation
• Boost talk battery to 48V
• Boost loop current to 26mA.
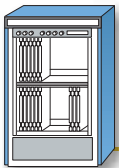• Alarm panel compatible.

TBB-1B

Improved Technology!

The **TBB-1B** will boost talk battery and loop current on single analog **PABX, CO** line or **VoIP ATA FXS** port. This is helpful for powering line powered devices, such as dialers and emergency phones on low voltage and/or loop current extensions and **X-10** wireless phone jacks. Power supply included.

Model	DOD #
TBB-1B	**632**

Talk Battery and Ringing Power Supply

Provide 48V @ 150mA DC **Talk Battery** and 90V 20**Hz** ringing. Typical applications include **KSU**s that require an external ring generator.

Power supply included.

Model	DOD #
PS-48-RGA	**515**

Replacement Power Supplies

Model	DOD #
PS-1A (13.8V AC)	**510**
PS-2 (12V DC)	**510**
PS-3 (15V AC)	**510**

Generate a CPC Disconnect

Applications:
• **Voice mail or call sequencers behind PABX**
• **ISDN, VoIP, T-1** channel bank lines
• **C.O.** lines that don't provide **CPC**
• **VoIP FXS** ports

CPC-1, CPC-4 provides a momentary (1 sec) break in the line current to signal telephone equipment the calling party has hung up. The **CPC-1, CPC-4** generates the disconnect signal after detecting busy, fast busy, return to dial tone (programmable) and silence (programmable). The status **LED** indicates call progress. The **CPC-1** and **CPC-4** are caller ID compatible. Phone line powered.

CPC-1 (1 Line Version)   **CPC-4 (4 Line Version)**

Model	DOD #
CPC-1	**442**
CPC-4	**444**

EWP

Tough and durable thermoplastic potting

EWP Products Last Longer and Save Money!

Outdoor environments cause ordinary circuit boards to fail early. But Viking's **Enhanced Weather Protection (EWP)** products are weather-sealed with a thick protective coating that keeps the elements out. **EWP** is so effective that our early production models are still out in the field, working as well as the day they were installed - without a single service call. That was over 12 years ago! So, if you want to save money on your outdoor installations, invest a bit more up front in **EWP**. Just order Viking products with an **EWP** suffix. Then install it and forget it.

Features
- **PCB** completely sealed in an injection molded thermoplastic potting compound
- Sealed **LED**, push button switch and microphone connections
- Internally sealed push button switches, trim pots and dip switches
- Mylar speaker with foam gasket
- Closed cell foam gasketing to prevent water penetration
- Weatherproof connectors filled with anti- corrosive gel
- **EWP** products are designed to meet an Ingress Protection rating of IP66.

Does my installation require Enhanced Weather Protection?

If you answer "yes" to one or more of the following statements, we recommend a Viking Emergency or Entry phone with **EWP (Enhanced Weather Protection).**

1. The product is located outside where it is exposed to precipitation or condensation.
2. The product is mounted near an indoor swimming pool or spa.
3. The products wire runs use conduit which could funnel warm inside air to the product mounted outside, causing condensation on the circuit board.
4. The product is mounted in a location with a known corrosive atmosphere.
5. The product is mounted in a parking garage with vehicle exhaust.
6. The temperature of the product can get below the dew point.

Scan here for more information

Analog Model	DOD #	Page
BLK-4-EWP	654	28
E-1600-02A-EWP	215	6
E-1600A-EWP	215	5
E-1600-20A-EWP	215	6
E-1600-45A-EWP	215	5
E-1600-03B-EWP	215	5
E-1600-30A-EWP	215	7
E-1600-50A-EWP	215	7
E-1600-52A-EWP	215	7
E-1600-55A-EWP	215	6
E-1600-60A-EWP	215	5
E-1600-65A-EWP	215	5
E-1600A-BLT-EWP	217	5
E-1600A-BLT2EWP	217	5
E-1600A-TP-EWP	218	6
E-1600A-TP2-EWP	218	6
E-10A-EWP	210	14/42
E-20B-EWP	210	14/42
E-30-EWP	212	8
E-30-PT-EWP	214	8
E-35-EWP	178	8/35
E-40-SS-EWP	187	42
E-40-BN/WH/BK-EWP	187	42
E-50-SS-EWP	191	35/42
E-50-BN/WH/BK-EWP	191	35/42
E-60-SS-EWP	206	43
E-60-BN/WH/BK-EWP	206	43

Analog Model	DOD #	Page
E-65-SS-EWP	203	43
E-65-BN/WH/BK-EWP	203	43
E-70-SS-EWP	207	43
E-70-BN/WH/BK-EWP	207	43
E-75-SS-EWP	208	43
E-75-BN/WH/BK-EWP	208	43
K-1200-EWP	182	37
K-1205-EWP	183	35/37
K-1700-3-EWP	157	37
K-1700-3-BN-EWP	157	37
K-1705-3-EWP	159	35/37
K-1705-3-BN-EWP	159	35/37
K-1900-7-EWP	364	11
K-1900-8-EWP	362	11
PRX-1	221	38
PRX-2	219	38
PRX-3	228	38
PRX-4	199	38
SL-2-EWP	242	28
VCAM-1	190	34
VCAM-1IR	190	34
VCAM-2-SS	190	34
VCAM-2-BN	190	34
W-1000-EWP	170	36
W-2000A-EWP	170	36
W-3000-EWP	170	36
W-3005-EWP	181	35/36

VoIP Model	DOD #	Page
E-1600-02-IPEWP	255	4/6
E-1600-IP-EWP	255	5
E-1600-20-IPEWP	255	6
E-1600-45-IPEWP	255	5
E-1600-03-IPEWP	255	5
E-1600-30-IPEWP	255	8
E-1600-50-IPEWP	255	7
E-1600-52-IPEWP	255	7
E-1600-55-IPEWP	255	6
E-1600-60-IPEWP	255	5
E-1600-65-IPEWP	255	5
E-1600-BLTIPEWP	217	5
E-1600BLT2IPEWP	217	5
E-1600-TP-IPEWP	218	6
E-1600-TP2IPEWP	218	6
E-10-IP-EWP	248	42
E-20-IP-EWP	248	42
E-1600-22-IP	255	7
E-30-IP-EWP	248	8
E-1600-32-IP	255	7
E-35-IP-EWP	178	8
E-60-SS-IP-EWP	255	43
E-60-BN/WH/BK-IP-EWP	206	43

Designed, Manufactured and Supported in the USA!   Questions? Call: 715-386-8861

Vandal Resistant Surface Mount Boxes

The VE-Series surface mount boxes are black powder painted or stainless steel. They are designed to surface mount to a single gang electrical box, a gooseneck pedestal or directly to a wall.

VE-5x10

VE-6x7

VE-5x5

VE-3x5

Compatible with these Viking products:

VE-3x5:	VE-5x5:	VE-6x7:	VE-5x10:
• E-40	• E-10A	• K-1700-3	• K-1200
• E-50	• E-30 /E-35	• K-1705-3	• K-1205
	• E-30-PT		• K-1500-7
	• E-60, 65, 70, 75		• K-1900-7
	• E-1600-20A		• K-1900-8
	• E-1600-30A		
	• W-1000		
	• W-3000		

Model	Description	DOD #
VE-3x5	Black Surface Mount Box	424
VE-5x5	Black Surface Mount Box	424
VE-6x7	Black Surface Mount Box	424
VE-5x10	Black Surface Mount Box	424

VE-5x5-SS   VE-6x7-SS   VE-5x10-SS

• SS Models built with 316 Marine Grade Stainless Steel

Model	Description	DOD #
VE-5x5-SS	Stainless Steel Surface Mount Box	424
VE-6x7-SS	Stainless Steel Surface Mount Box	424
VE-5x10-SS	Stainless Steel Surface Mount Box	424

Surface Mount Boxes with Panels

Viking's **VE-PNL**'s are the perfect solution to the problem of mounting a switch, keypad or card reader to the outside of a building. Built from black powder painted steel or stainless steel, the back box provides a durable enclosure suitable for most outdoor applications. The blank front panel is made from aluminum, making it easy to drill, cut or form for the required mounting arrangement. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included to make installation a snap.

VE-5x10-PNL

VE-6x7-PNL

VE-5x5-PNL

• SS Models built with 316 Marine Grade Stainless Steel

VE-5x5-PNL-SS   VE-6x7-PNL-SS   VE-5x10-PNL-SS

Model	Description	DOD #
VE-5x5-PNL	Black Box with Panel	424
VE-6x7-PNL	Black Box with Panel	424
VE-5x10-PNL	Black Box with Panel	424

Model	Description	DOD #
VE-5x5-PNL-SS	Stainless Steel Box with Panel	424
VE-6x7-PNL-SS	Stainless Steel Box with Panel	424
VE-5x10-PNL-SS	Stainless Steel Box with Panel	424

Illuminate Your Door or Emergency Phone

The **VE-Light kit** adds bright **LED** illumination to any doorbox or entry phone that is housed in a **Viking VE-5x5**, **VE-6x7** or **E-1600A-BLT-EWP** surface mount box. The stainless steel bracket is easily mounted using existing holes and hardware.

VE-LIGHT shown alone below and in conjunction with the E-30 and VE-5x5 right
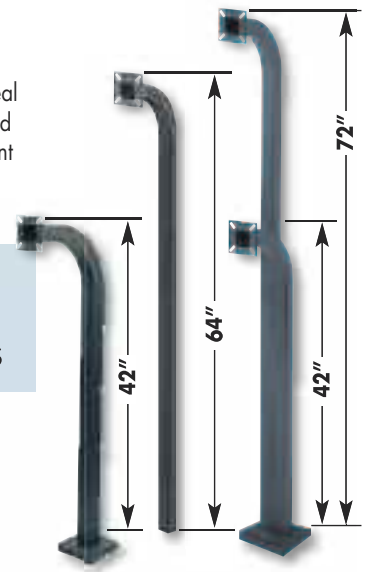
Model	DOD #
VE-LIGHT	428

Gooseneck Pedestals

The gooseneck pedestals are designed to be used with select Viking VE-Series surface mount boxes or **VE-PNL** surface mount panels. Ideal for drive up communications, the gooseneck pedestals are constructed of heavy duty black powder painted steel or stainless steel. Pad mount to a floor or concrete with 4 available bolt holes or use the **VE-GNP-IG** to mount in ground or wet cement.

72"

64"

42"   42"

Compatible with the following Viking products:

• VE-5x5	• VE-5x5-SS	• VE-5x5-PNL	• VE-5x5-PNL-SS
• VE-6x7	• VE-6x7-SS	• VE-6x7-PNL	• VE-6x7-PNL-SS
• VE-5x10	• VE-5x10-SS	• VE-5x10-PNL	• VE-5x10-PNL-SS

Model	Description	DOD #
VE-GNP	42" Pad Mount Pedestal	424
VE-GNP-SS	42" Stainless Steel Pedestal	424
VE-GNP-IG	64" In-Ground Pedestal	424
VE-GNP-2	72" Double Pedestal	424
E-1600-MK-GNP	VE-GNP Mounting Kit for E-1600A	227

Compact Color Video Camera Kit

- Stainless steel mounting hardware
- Potted circuit board
- 12V DC adapter/ wire connections
- Tilt and swivel adjustment

IR illuminator compatible when using model **VCAM-1IR.**

Model	DOD #
VCAM-1	**190**
VCAM-1IR	**190**

- Color composite video output for versatility: 1V p-p composite, NTSC, 75 ohms
- Extreme temperature rating: -40° to 185°F
- Wide 70° viewing angle
- Tilt/Swivel adjustment: vertical +/- 20°, horizontal +/- 30°
- Resolution: 420 lines (640 x 480 @ 30fps)
- Sensitivity: 0.025 LUX (50 IRE) F1.2 3200K
- Lens: 3.4mm, pinhole 70° FOV
- Maximum wire run length: 150 ft on **CAT5E** for video and power, 1000 ft with RG59/RG6 for video and **CAT5** for power.

To integrate your video entry phones with your home TV sets!
Check out DOD# 886

High Resolution Color Video Camera Mounts in a Single Gang Box

The compact, high resolution, color composite video output provides versatility and a wide 70° viewing angle. The tilt and swivel adjustment permits optimum alignment. The -40° to 185° F temperature rating and **Enhanced Weather Protection** allow exposed outdoor installation. **Power supply included.**

Model	Description	DOD#
VCAM-2-SS	Brushed Stainless Steel	**190**
VCAM-2-BN	Oil Rubbed Bronze	**190**

Axis: Video Only

Axis manufactures video servers that encode analog video signal for transmission across an IP network or the internet. The single-channel model **M7001** is shown. Supplied software allows you to access Axis units connected to the network (auto-discovery) and program them via a web page interface. The video can then be monitored from any location on the network.
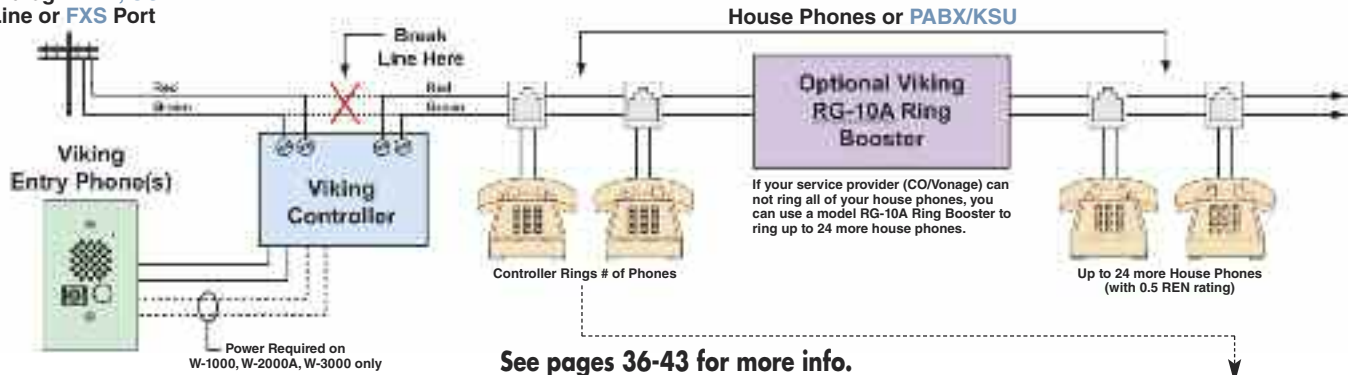
For more information, go to **www.axis.com**

M7001

How to Connect a Viking Door/Gate Entry System to Existing Phones/Phone System

When line sharing is not required (if connected directly to an **FXS,** Key or **PABX Analog Station** or **Trunk**) use **SRC-1** (page 40) for door strike or gate control.

Analog PABX, CO Line or FXS Port

House Phones or PABX/KSU

Break Line Here

Red
Green

Red
Green

Viking Entry Phone(s)

Viking Controller

Optional Viking RG-10A Ring Booster

If your service provider (CO/Vonage) can not ring all of your house phones, you can use a model RG-10A Ring Booster to ring up to 24 more house phones.

Controller Rings # of Phones

Up to 24 more House Phones (with 0.5 REN rating)

Power Required on W-1000, W-2000A, W-3000 only

See pages 36-43 for more info.

Entry Phones / Doorboxes	Use Controller	Maximum # Door Phones	Maximum # Doorstrikes	Entry Phone Caller ID	Keyless Entry	Postal Lock Input	Controller Rings # of 0.5 REN House Phones
E-10A, E-20B, E-30, E-35*, E-40, E-50*, E-60, E-65*, E-70, E-75* (Page 7, 42, 43)	C-200 (Page 40)	1	0	No	No	No	7
E-10A, E-20B, E-30, E-35*, E-40, E-50*, E-60, E-65*, E-70, E-75* (Page 7, 42, 43)	C-250 (Page 41)	1	1	No	No	Yes	10
E-10A, E-20B, E-30, E-35*, E-40, E-50*, E-60, E-65*, E-70, E-75* (Page 7, 42, 43)	C-500 (Page 41)	2	2	Yes	Yes	Yes	10
E-10A, E-20B, E-30, E-35*, E-40, E-50*, E-60, E-65*, E-70, E-75* (Page 7, 42, 43)	C-2000B (Page 41)	4	4	Yes	No	Yes	16
K-1700-3, K-1705* K-1900-8 (Pages 11, 37)	C-2000B (Page 41)	4	4	Yes	Yes	Yes	16
W-1000, W-2000A, W-3000, W-3005* (Page 36)	C-1000B (Page 36)	2**	2**	No	No	Yes	12

* Includes a built-in CCTV color camera, which requires additional wiring.
Up to (4) entry phones and (4) door strikes can be accommodated by using (2) C-1000B controllers. For more info: **DOD# 881.

Handsfree Video Speaker Phone - Model E-35

- See **E-30** for complete specifications on page 7
- Shown in optional **VE-5x5** surface mount box (Page 33)

⚠️ When installing E Series door entry phones outdoors, always use the EWP version – See page 32

Model	DOD #
E-35	178
E-35-IP	178

Video Entry Phones - Model E-50

- See **E-40** for complete specifications on page 42

⚠️ When installing E Series door entry phones outdoors, always use the EWP version – See page 32

Model	Description	DOD #
E-50-SS	Video Speaker Phone	191
E-50-BN, BK, WH	Video Speaker Phone	191
E-50-SS-EWP	EWP Version	191
E-50-BN, PB, BK, WH-EWP	EWP Version	191

Accessible Video Entry System - Model AES-2005

- See **AES-2000** for complete specifications on page 39
- Available in flush or surface mount styles

Model	Description	DOD #
AES-2005F	Flush mount AES-2005	204
AES-2005S	Surface mount AES-2005	204

12-Button Video Entry Phone - Model K-1205

- See **K-1200** for complete specifications on page 37
- Shown in optional **VE-5x10-SS** surface mount box (Page 33)

⚠️ When installing K Series phones outdoors, always use the EWP version – See page 32

Model	Description	DOD #
K-1205	Multi-Button Entry Phone	183
K-1205-EWP	EWP Version	183

Video Entry Phone with Keypad - Model K-1705-3

- See **K-1700-3** for complete specifications on page 37
- Shown in optional **VE-6x7** surface mount box (page 33)

⚠️ When installing K Series phones outdoors, always use the EWP version – See page 32

Model	Description	DOD #
K-1705-3	Video Entry Phone	159
K-1705-3-EWP	EWP Version	159
K-1705-3-BN	Bronze Video Entry Phone	159
K-1705-3-BN-EWP	Bronze EWP Version	159

Handsfree Video Doorbox - Model W-3005

- See **W-3000** for complete specifications on page 36
- Shown in optional **VE-5x5** surface mount box (page 33)

⚠️ When installing W Series doorboxes outdoors, always use the EWP version – See page 32

Model	Description	DOD #
W-3005	Video Doorbox	181
W-3005-EWP	EWP Version	181

Double Gang Handsfree Video Entry Phones
Model E-65 series (see page 43)

Double Gang Video Entry Phones with Proximity Card Reader
Model E-75 series (see page 43)

E-10-IP

E-20-IP

E-30-IP

VoIP: E-10-IP, E-20-IP, E-30-IP

⚠️ **Installation requires the assistance of a network administrator/I.T. Technician**

- **Integral 2 Amp Relay for Controlling Door Strikes, Mag Locks, Gate Openers, Door Chimes, Lights and Strobes etc.**
- **Power over Ethernet (PoE) Class 1, 4 Watts**
- **VoIP SIP based Protocol**
- **Superior automatic noise canceling design for loud environments**
- **Phone Numbers and Programming Stored in Non-Volatile Memory-Battery Back-up Not Required**
- **Automatically Dials 4 Additional 1-20 Digit Numbers on Busy or No Answer**
- **Extended Temperature range (-30 to 130)**

Viking's new **VoIP** door entry phones have all the features required in a door entry phone. Plus, they're the most affordable installer-friendly products on the market. Viking's **VoIP** phones work with most SIP based **VoIP** phone systems (see our compatibility list – **DOD# 944**).

Just run CAT 5e Ethernet cable to one location and connect to the phone. Power the **E-10-IP, E-20-IP** and the **E-30-IP** phone using the **VoIP** phone system's Power-over-Ethernet (PoE), or add an inexpensive PoE injector. Then program all the units with Viking's PC-based software.

To convert your Viking analog **E-30** to **VoIP**, use **Viking's E-1600-53-IP** conversion kit (see page 7).

Programming is just as easy. The software immediately identifies each connected phone. Just assign a unique location I.D. to each phone and propagate the settings out to each phone with a push of a button – no need to continually re-enter the common parameters for every phone in the system. That's a huge time-saver over programming methods used by other IP phone manufacturers. And, since Viking's software maintains a complete phone database, you can reprogram a replacement device the same way. Just call up the phone's I.D. and press send – done. You never have to manually re-enter the information

Access Control/Door Entry Systems
W Series Doorboxes Connect to Unused Analog Trunk Inputs, FXO, or Viking C1000B
and SRC-1 Controllers

VIKING

2015 Viking Electronics, Inc.

Handsfree Doorboxes

⚠ **When installing W Series doorboxes outdoors, always use the EWP version – See page 32**

• **Provides 24 volt talk battery and 20 Hz Sine wave ring generator for phone system unused Trunk input or FXO port applications.**

Provide your business or residential customers with the security and convenience of conversing with visitors from their own phone prior to allowing entry. Ideal for night doors, shipping/receiving departments, warehouses, residential applications or any security-sensitive entry. Designed to install on an unused **Trunk** input or **FXO** port. When the "Call" button is pressed, the unit rings the phones up to 30 times (adjustable) or until answered. Microphone and speaker volume adjustments are also provided.

Permits loop lengths of up to 6300 ft., using 24 AWG twisted pair. The **power supply included** can be mounted up to 150 ft. from the unit using 24 AWG twisted pair. The units provide **6 REN output** (enough to ring **twelve** .5 **REN** phones). To ring additional phones use model **RG-10A** Ring Booster. (Page 31)

Model	DOD #
W-1000	170
W-2000A	170
W-3000	170
W-3005	181

These units are compatible with **C-1000B** (below) and **SRC-1** (Page 40) controllers.

• Redesigned ring generator produces a powerful (6 REN) sine wave ring signal that is more universally accepted by phone systems.
• Installers can now select 1 of 4 different distinctive ring patterns.
• The W-1000/W-3000 both feature a blue LED to indicate switch location and call progress.
• New to W-1000/W-2000A is a push to talk option for noisy locations.
• Improved sound quality/ringback tones.
• These units are now designed to ring AVAYA IP Office, NEC 2000, and Electra Pro 2, INTERTEL 5000 and VODAVI DHS.

Illuminate your **W-1000/W-3000** mounted in a **VE-5x5 - Model VE-LIGHT** (Page 33)
W-3005 Video Doorbox
Now Available - see page 35 for camera specifications.

W-1000 is a 5" x 5" vandal-resistant black powder painted aluminum flush mount unit. An electrical mounting box is supplied.

W-2000A is a surface mount unit in a durable plastic case. The 4.5" x 5.5" x 1.5" unit can mount on a single gang electrical box.

W-3000 is a vandal resistant 5" x 5" brushed 14 Ga. marine grade 316 stainless steel flush mount unit. An electrical mounting box is supplied.

W-1000   **W-2000A**   **W-3005**

Universal Door Entry System for Key, PABX, or Single Line Phones
Now Controls Two CCTV Cameras

• **Share an existing phone line with two Viking W Series doorboxes**
• **Operates 2 door strikes or gate openers**   • **Monitor doors from your phone.**

Now you can add **Viking** doorboxes to any system, even Centrex or those with just single line phones! The **C-1000B** shares an existing phone line with 2 door speaker units, but does not interfere with normal phone operation. In-process calls can be placed on hold while using the door speakers. The **C-1000B** has 5 amp contacts for operating 2 door strikes or gate openers from a Touch Tone or rotary phone. Tones confirm relay action. **Power supply included.**

• Auxiliary relay provides a maintained or programmable .5 to 10 second relay contact for activating a doorbell, light, etc.
• Provides power output for up to 2 doorboxes (only one power supply needed per system)
• Provides unique front and back chimes plus whole house paging when used with **SLP-1** (Page 25), **SLP-4** (Page 20)
• Add proximity card or keyless entry with Viking Model **ES-1** and **PRX-1** or **PRX-2** (Page 38)
• Built-in **Talk Battery** for "no **C.O.** line" applications
• Programmable (.5 to 10 sec) momentary or continuous relay contacts for controlling door strikes or gate openers
• Can provide custom ring from door box
• Postal lock input for activating door strike 1

TV, Video Monitor

CCTV   **CCTV**

W-2000A   **W-3000**
Door 1   **Door 2**

House Phones, Unused
Trunk input or **FXO** port

Expand your existing **C-1000B Door Entry System** to 3 or 4 Doorboxes Application **DOD# 881**

Model	DOD #
C-1000B	168

Directories for Apartment Entry Systems

Viking's vandal-resistant directories are an easily installed, high-quality 18 gauge brushed stainless steel display. Designed specifically to complement newly installed or existing secure building entry systems. All models feature both weather and vandal resistant construction. The visitor looks up the apartment's one to three digit code then dials it on the Touch Tone phone. Name card not included.

Model	DOD #
D6	158
D10	158
D22	158
D32	158
D44	158
D56	158

12 Button Apartment Entry Phone with Built in Door Strike Relay

K-1205 shown in optional **VE-5x10-SS** surface mount box (page 33)

- **Calling a tenant is as easy as pressing a single button**
- **50 Keyless Entry Codes**

The **K-1200** Entry Phone is a two way, hands free telephone with 12 buttons for calling individual residences in an apartment building.

The rugged marine grade 316 stainless steel faceplate has a printed directory housed in a water proof plastic lens. Each button is beside the tenant's name in the directory, so there are no confusing codes to deal with. The **K-1200** has a built in speed dialer that can handle up to 12 primary phone numbers, each with 22 digits. If there is no answer at the first number, a second number such as a tenant's cell phone, can be called automatically. Once the tenant answers their phone, a single touch tone command can activate the built in door strike relay. **Power supply included.**

⚠ **When installing K Series phones outdoors, always use the EWP version – See page 32**

Model	Description	DOD #
K-1200	Apartment Entry	182
K-1205	Video Entry Phone	183

Apartment/Office Door Entry 250 Number Dialer

- **Now provides a different keyless entry code for each apartment or office.**
- **"Buzz" the visitors in from your phone**
- **Non-volatile E² memory (no batteries required)**

- **Output for external data logging.**
- **Compatible with Viking's vandal-resistant K-1700-3, K-1900-8 or any Touch Tone phone.**
- **Also provides 5 additional keyless entry codes for management, maintenance, etc.**

Model **K-1900-3** allows the visitor to enter 1 to 3 digits on a Touch Tone phone located in the entry way. The **K-1900-3** then dials the associated apartment. After conversing with the visitor, the tenant can "Buzz" them in by dialing a 1 or 2 digit code on their Touch Tone phone. An adjustable timed relay closure is provided for gate openers or door strikes. DPDT 5 amp contact closures are provided.

The **K-1900-3** can be programmed remotely or locally using a Touch Tone phone. Each position stores up to 16 digits, except position "001 and 002", which can hold up to 32 digits and pauses for applications such as calling the facility manager's pager. A keyless entry feature using a 4 to 6 digit code can be used. Inputs for a postal lock are provided. The **K-1900-3** can allow 911 and 311 emergency calls. **Power supply included.**

Model	Description	DOD #
K-1900-3	Apartment/Office Door Entry	312

Vandal Resistant Handsfree Speaker Phone with Keypad

⚠ **When installing K Series phones outdoors, always use the EWP version – See page 32**

- **14 Gauge Marine Grade 316 Stainless Steel or Oil Rubbed Bronze (BN) Faceplate**
- **Metal Call Button and Keypad**
- **Analog PABX, CO Line or FXS Port Powered**
- **Use with C-2000B for Keyless Door Entry** (Page 41)

K-1700-3-BN shown in oil rubbed bronze finish

The **K-1700-3** is an attractive, handsfree telephone designed especially for apartment and door entry applications.

When the "Call" button is pressed, the **K-1700-3** returns dial tone. The keypad can then be used to call any number. The unit disconnects on busy, return to dial tone, CPC, silence or call timer. Volume adjustments are provided for microphone and speaker. Yellow LED indicates an "off hook" condition.

Illuminate your entry phone - when mounted in a VE box with a model VE-LIGHT (Page 33)

Handsfree Video Speaker Phone with Keypad

Power supply included.

K-1705-3 shown in optional **VE-6x7** Surface Mount Box (Page 33)

Model	Description	DOD #
K-1700-3	S.S. Entry Phone	157
K-1705-3	S.S. Video Entry Phone	159
K-1700-3-BN	Oil Rubbed Bronze Entry Phone	157
K-1705-3-BN	Oil Rubbed Bronze Video Entry Phone	159

Wiegand Keypad

Slender aluminum housing for mullion mounting. Pigtail leads. Beeper and **LED**s show status. **26 bit Wiegand** interface. Potted **pcb**.

7.1" x 1.7" x 0.5"

Model	DOD #
PRX-4	199

Compact 16" Range 125 KHz Proximity Card Reader

Model **PRX-3** permits reading standard 125 kHz Proximity cards up to 16 inches from the reader. It is ideal for parking control, gate access, turnstiles, or any application requiring a longer read range. The **PRX-3** provides data in the standard **26-bit Wiegand** format.

The unit is equipped with **Enhanced Weather Protection (EWP) – See page 32** for outdoor installations. Install alone or with Viking Door Entry phones on **VE-GNP** pedestals.

Model	DOD #
PRX-3	228

Proximity Key Fob

- Attach to a key chain or neckband
- Compact size 1.5 x 1.2 x 0.15 inches
- Durable - it can withstand the washing machine
- Read up to 2" with **PRX-1** or 8" with **PRX-3**
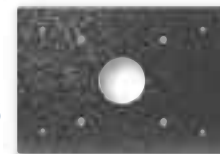- **No minimum quantities**

Model	DOD #
PRX-FOB	198

Mounting Kits for VE-GNP Pedestals

PRX-3-MK-GNP for mounting **PRX-3** Alone

PRX-3-MK-VEGNP for Mounting **PRX-3** Plus a **VE-5x5, VE-6x7,** or **VE-5x10**

PRX-3-MK-GNP

PRX-3-MK-VEGNP

PRX-3 shown with **VE-GNP** pedestal, **PRX-3-MK-VEGNP** mounting kit and **K-1700-3** with **VE-6x7**

Model	DOD #
PRX-3-MK-GNP	229
PRX-3-MK-VEGNP	229

Keypad with Proximity Card Reader

Model **PRX-2** is fully potted , has blue back lighting and mounts directly to a standard single gang box. The card reader and keypad transmits **26-bit Wiegand** format. Black and off-white covers provided.

Model	DOD #
PRX-2	219

125 KHz Proximity Card

- No magnetic strip to wear out – no batteries
- Credit card size, neckband slot on **PRX-C**
- New thinner, more flexible **PRX-C-ISO**
- **No minimum quantities**

Model	DOD #
PRX-C	198
PRX-C-ISO	198

125 KHz Proximity Card Reader

- Standard **26 bit Wiegand** interface
- Potted **pcb** enclosure with pigtail connection for indoor and outdoor applications. Black & ash (off white) covers provided.

Model	DOD #
PRX-1	221

125 KHz Wiegand Card Reader/Keypad Entry System for 1 Door – 250 Users

Stand-alone keyless entry system can be programmed with a touch-tone phone. An output for data logging is provided. **Power supply included.** Also see **C-4000** (Page 39)

Model	DOD #
ES-1	193

Add Up To 32 Access Entry Points To Viking's Accessible Entry System

Up to 32 additional points of entry may be added to Viking's model **AES-2000** Accessible Entry System. One **ES-3**, one Wiegand device and a door strike or magnetic lock of your choice is required for each additional entry point.

Model	DOD #
ES-3	195

Designed, Manufactured and Supported in the USA!   Questions? Call: 715-386-8861

Accessible Entry System

Usable by people with sensory and physical impairments

The **VIKING**® Accessible Entry System is a Hands-Free phone with a built in auto-dialer, which will allow access to apartment/office buildings by using existing public telephone lines. In order to assist people of varying abilities, the "directory" is displayed on a **LCD** as well as an audible announcement.

Features:

- Digital announcer set from factory for 75 names. Additional names may be added by using **ERAM-4M** expansion kits. (75 names per kit for up to 525 names).
- Non-Volatile memory
- Door strike contacts
- Postal lock input
- Remote recording and programming
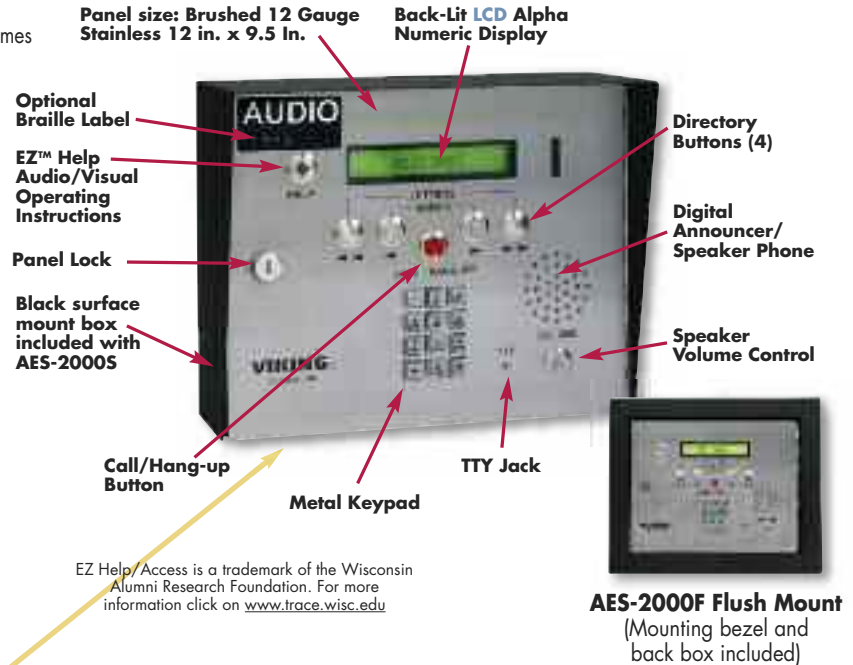- Designed to help meet **ADA** requirements

Applications:

- Apartment/Office Buildings
- Assisted Living Residences
- Nursing Homes
- Hospitals
- Public Housing
- Available with video. (See page 35 for camera specifications)

*PB-100 required for programming. (Page 25)

The system is housed behind a marine grade 316 stainless steel panel with metal keypad and control buttons. An analog telephone line and low voltage wiring must be available for operation. **Data logging via the PB-100** (Page 25). **Power supply included.**

Panel size: Brushed 12 Gauge Stainless 12 in. x 9.5 In.

Back-Lit **LCD** Alpha Numeric Display

Optional Braille Label

EZ™ Help Audio/Visual Operating Instructions

Panel Lock

Black surface mount box included with **AES-2000S**

Directory Buttons (4)

Digital Announcer/ Speaker Phone

Speaker Volume Control

Call/Hang-up Button

Metal Keypad

TTY Jack

EZ Help/Access is a trademark of the Wisconsin Alumni Research Foundation. For more information click on **www.trace.wisc.edu**

AES-2000F Flush Mount
(Mounting bezel and back box included)

Model	Description	DOD #
AES-2000S	Surface Mount	**202**
AES-2000F	Flush Mount	**202**
AES-2005S	Video Phone	**204**
AES-2005F	Video Phone	**204**
ERAM-4M	Expansion Memory	**854**

Network Enabled Relay Controller

- **Control (4) 5A@30VDC/250VAC relays across a network**
- **Monitor the status of 4 sensors at the remote location**
- **Notification by email or text message of sensor input state change purchase model SP510**

Relays can be toggled on or off, or user-programmed timed closures of 1 to 99 seconds.

The ready-to-use webpage control interface features password protection with two levels of security. Administrative users have full programming rights, while guests are limited to basic functional control.

Installation is simple on any **DHCP**-capable network, with a free down-loadable discovery tool for network setup. The **RC-4** can also be assigned a static IP address if you prefer. Network and functional parameters are fully programmable on separate programming pages.

Remote control of

- Secure building entry/Gates
- Heating/cooling equipment
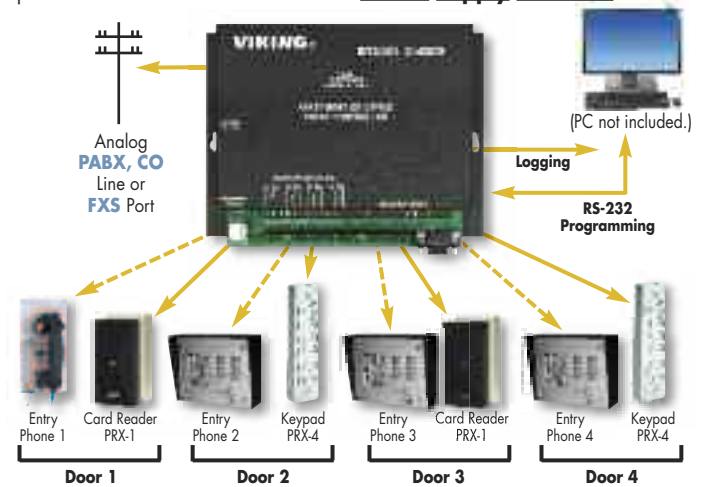- Pumps, fans and lighting
- Security system/Emergency tones

Remote sensing of

- Temperature/Door entry/Light
- Alarm contact closure
- Sound level threshold

Model	DOD #
RC-4	**580**

4 Door Keyless or PRX Card Entry System - For Up To 250 Tenants

- Requires an analog **PABX, CO** line or **FXS** port to call tenants
- Supports 4 Wiegand keypad or card readers
- **RS-232** port for programming
- Output for external logging
- "Buzz" visitors in from tenants phone – **N.O.** & **N.C.** contacts
- Program locally or remotely
- Provides toll restriction - can allow 911 and 311 calls
- **Power Supply Included.**

Analog **PABX, CO** Line or **FXS** Port

(PC not included.)

Logging

RS-232 Programming

Entry Phone 1	Card Reader PRX-1	Entry Phone 2	Keypad PRX-4	Entry Phone 3	Card Reader PRX-1	Entry Phone 4	Keypad PRX-4
Door 1		**Door 2**		**Door 3**		**Door 4**	

Model	Description	DOD #
C-4000	4 Door Keyless or PRX Card Entry System	**164**

Secure Remote DTMF Controller

• **Secure Control of Building Entry Systems**

• **Provides 32 Keyless Entry Codes**

The **SRC-1** enables a standard touch tone phone to securely operate a set of timed 5 amp relay contacts to control a door strike or gate controller from a remote location. The **SRC-1** is fully user programmable and uses non-volatile memory. The **SRC-1** eliminates the possibility of dialing the activation code through the entry phone using a hand held touch tone dialer.

The **SRC-1** features switchable 32 volt **talk battery** to allow use with any of Viking's **E** Series, **W** Series or **K** Series entry phones. A postal lock input is provided. **Power supply included**.

Model	Description	DOD #
SRC-1	Secure Remote Control	**176**

No C.O. Line Entry System for 12 Apartments/Offices

• **Functions with or without tenant C.O. lines**

• **Expands to 96 apartments by adding more C-3000's (each C-3000 adds 12 additional apartments)**

Eliminates the monthly expenses of an entry phone line and **CO** "call waiting" feature on tenant's lines. Connect a front and rear touch tone entry phone. The **C-3000** rings the tenant's phone or provides call waiting tones. The tenant can "Buzz" the visitor in from their touch tone phone via the front and rear door strike contacts. **Power supply included**.

Compatible with:
• AES-2000
• AES-2005
• K-1200
• K-1205
• K-1700-3
• K-1705-3
• K-1900-8
• Any Touch Tone Phone

Model	Description	DOD #
C-3000	No C.O. Line Entry System	**162**

Remote DTMF Controllers - Controls Door Strikes and Gate Openers From a Touch Tone Phone

Model RC-2A - single output

Model RC-3 - three outputs

Designed for use with **E, K** or **W** Series Emergency phones or as a stand-alone "Dial-up" remote Touch Tone controller. These units can operate door strikes, gate openers, or control equipment at a remote location. The **RC-2A** and **RC-3** can answer a ringing line. The **RC-3** can also provide 32V DC **talk battery** for connection to an unused **Trunk** input or **FXO** port on a phone system. Three **RC-3**'s can be connected together for 9 outputs. Tones confirm relay action. Either unit can be set up to operate with or without access codes. **Power supply included.**

Model	Description	DOD #
RC-2A	1 Output Unit	**160**
RC-3	3 Output Unit	**165**

Add a Viking Entry Phone to Existing Phones or Phone System

• **Allows Your House Phones or Phone System to Share a Phone Line with one Viking Entry Phone**

The **Model C-200** allows a single line telephone or a telephone system to share a phone line with a single **Viking** Entry phone. When a visitor presses the call button on the entry phone, the resident's phone rings. The resident can now answer and converse with the visitor prior to manually allowing entry. If you are on a call, the **C-200** provides a "Call Waiting" tone. The resident can "hook flash" which puts the call on hold while he converses with the visitor.

Residents may call out to the entry phone for monitoring purposes. Auxiliary contacts are provided to operate a doorbell, or activate a camera, lights, etc.

If additional features (such as door strike, multiple entry phones with caller ID, and keyless entry) are needed, use the **Viking C-500** or **C-2000B** on page 41. **Power supply included.**

Compatible with Viking:
• E Series Entry Phones
• K Series Entry Phones
• Any analog Phone

Model	Description	DOD #
C-200	Entry Phone Interface	**169**

MORE CONTROLLERS ▶

Single Entry Phone Controller With Call Forwarding and Door Strike Control

- **In the event you're not home it will call your cell phone plus up to 4 additional numbers.**
- **5 amp door strike or gate opener contact**
- **Immediate call forward to your cell phone mode**
- **Built in 5 number 1- 20 digit dialer**
- **No CO mode**

The **C-250** allows single line phones or a phone system to share a phone line with a **Viking** E or K Series entry phone. When the entry phone initiates a call, the **C-250** provides a double ring. If you are on a call the controller provides call waiting tones. You can place the existing call on hold, talk to the visitor, then return to the original caller. Buzz the visitor in with a 1 or 2 digit touch tone command. The **C-250** allows tenants to monitor the entry phone and has a postal lock input. **Power supply included.**

Compatible with Viking:
- E Series Entry Phones
- K Series Entry Phones
- Touch Tone Phones

Model	Description	DOD #
C-250	Single Entry Controller	172

Advanced Two Door Entry Phone Controller with Call Forwarding and Door Strike Controls

- **In the event you're not home it will call your cell phone plus up to 4 additional numbers.**
- **Expandable to 4 controllers for up to 8 entry phones**
- **Immediate call forward to your cell phone mode**
- **Analog station dial-thru mode**
- **6 keyless entry codes per door**
- **No CO mode**
- **Programmable caller I.D.**

The **C-500** allows single line phones or a phone system to share a phone line with two **Viking** entry phones. When the entry phone initiates a call, the **C-500** provides distinctive ring. If you are on a call the controller provides call waiting tones. You can place the existing call on hold, talk to the visitor, then return to the original caller. Buzz the visitor in with a 1 or 2 digit touch-tone command. The **C-500** allows tenants to monitor either phone, has two trigger inputs, 5 amp door strike or gate opener contacts and programmable entry phone caller ID. **Power supply included.**

Compatible with Viking:
- E Series Entry Phones
- K Series Entry Phones
- Touch Tone Phones

Model	Description	DOD #
C-500	Dual Entry Controller	177

Advanced Door/Gate and Entry Phone Controller for up to 4 Entrance Locations

- **Now with Analog Station Dial-Thru Mode for Apartment/Office Entry Applications**
- **Provides 6 different keyless entry codes per door and 6 master codes (use at any door). Codes can be set up as permanent or "1 time" use.**
- **Provides 4 unique CD quality door chimes plus whole house paging when used with the SLP-4 (page 20)**

Answer and open up to 4 doors or gates from your nearest phone. The **C-2000B** can provide a double ring and/or caller ID to indicate which entry phone is calling. If you are on a call the controller provides call waiting tones and caller ID. You can place the existing call on hold, talk to the visitor, then return to the original caller. A lighted Doorbell switch can be located near entry phone #1 to also initiate an entry phone call. The **C-2000B** requires a pair of wires (up to 5000 feet) for voice communications. A second pair of wires is needed to operate the door strike or gate opener. The unit can ring up to 16 existing phones. Programmable "Privacy Number" eliminates prank calls.
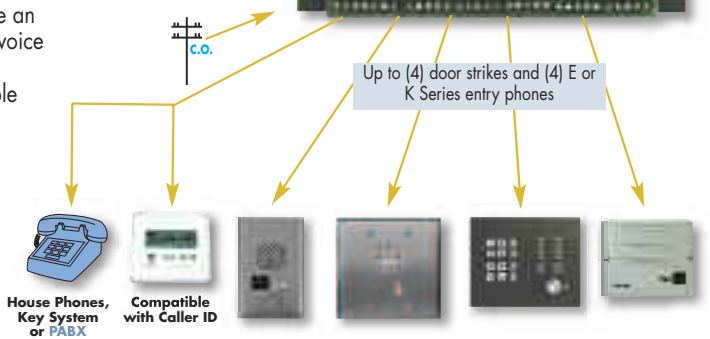
The **C-2000B** allows the user to monitor any entry phone with auto answer capability.

Add proximity card entry with Viking Model **ES-1** and **PRX-1** (Page 38). **Power supply included.**

Compatible with Viking:
- E Series Entry Phones
- K Series Entry Phones
- Touch Tone Phones

c.o.

Up to (4) door strikes and (4) E or K Series entry phones

House Phones, Key System or **PABX** — Compatible with Caller ID

Model	Description	DOD #
C-2000B	Advanced Entry Controller	156

Compact Handsfree Entry Phones Mount in Single Gang Box

Brushed
Stainless Steel

Oil Rubbed
Bronze

Satin
White

Satin
Black

⚠ **When installing E Series door entry phones outdoors, always use the EWP version – See page 32**

Model	Description	DOD #
E-40-SS	Stainless Steel Entry Phone	187
E-40-BN	Oil Rubbed Bronze Entry Phone	187
E-40-WH	Satin White Entry Phone	187
E-40-BK	Satin Black Entry Phone	187

- **Analog PABX, CO** Line or **FXS** Port Powered Door Entry Phones with Consumer Styling - Commercial Quality

2 wire installation blue **LED** continually provides light for locating the push button in dark locations.

Extended temperature range (-30°F to 150°F) - vandal resistant.

Compact size for flush mounting in a single gang box (with minimum inside dimensions of: 2"W x 2.84"H x 2.25"D)

Dimensions: 4.87"H x 3.12"W x 1.7"D

Auto answer feature for monitoring

Auto disconnect on **CPC**, busy, dial tone, silence or time out.

VE-3x5 surface mount box available (Page 33)

E Series Compatible with these Controllers
- C-200 (Page 40)
- C-250 (Page 41)
- C-500 (Page 41)
- C-2000B (Page 41)
- SRC-1 (Page 40)

Single Gang Handsfree Video Entry Phones

- **Built in color composite video camera with 420 lines of resolution wide 70° viewing angle.**
- **Audio and video transmission on one CAT5E cable (150 ft. max video)**
- **Extended temperature (-30°F to 150°F)**
- **Same entry phone operating specifications as E-40 (above)**
- **Surface mount box available for E-50, model VE-3x5 (see page 33)**

⚠ **When installing E Series door entry phones outdoors, always use the EWP version – See page 32**

Model	Description	DOD #
E-50-SS	Stainless Steel Video Phone	191
E-50-BN	Oil Rubbed Bronze Video Phone	191
E-50-WH	Satin White Video Phone	191
E-50-BK	Satin Black Video Phone	191

E-50 Series available in the same attractive finishes as **E-40** (above).

Tilt and swivel adjustments to achieve the perfect camera angle. **Refer to page 35 for camera specifications.**

Camera power supply included

E-50-SS

E Series Compatible with these Controllers
- C-200 (Page 40)
- C-250 (Page 41)
- C-500 (Page 41)
- C-2000B (Page 41)
- SRC-1 (Page 40)

Analog and VoIP Hands Free Door Entry Phones

E-10A
5"x 5" flush mount

E-20B
4.5"x 5.5" surface mount

E-30
5"x 5" flush mount

Analog Models

NEW

VoIP Models

Model	DOD #
E-10A	210
E-20B	210
E-30	212

Model	DOD #
E-10-IP	248
E-20-IP	248
E-30-IP	248

- **Intelligent auto disconnect on CPC, busy, dial tone, silence or time out.**
- **VE-5x5 surface mount box available for the E-10** (see page 33)

Handsfree models **E-10A** and **E-20B** go off hook on the phone line when the button is pressed, the units auto disconnect on **CPC**, busy, dial tone, silence or time out. For more information see pages - 8, 14 and 35.

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Double Gang Audio, Video and Card Reader Entry Phones
E-Series Phones Connect to Analog Stations, FXS, ATAs or Viking Controllers

Double Gang Analog and VoIP Entry Phones

- For features and operations refer to 1600A or E-1600-**IP** series on page 4
- Surface mount box available for **E-60**, model **VE-5x5** (see page 33)

⚠️ **When installing E Series door entry phones outdoors, always use the EWP version – See page 32**

Analog Models		VoIP Models	
Mode	**DOD #**	**Mode**	**DOD #**
E-60-SS	206	E-60-SS-IP	250
E-60-BN	206	E-60-BN-IP	250
E-60-WH	206	E-60-WH-IP	250
E-60-BK	206	E-60-BK-IP	250

E-60-BN

- Dimensions:
  4.87" x 4.94" x 1.7"

Double Gang Handsfree Video Entry Phone

- Built in color composite video camera with 420 lines of resolution wide 70° viewing angle.
- Audio and video transmission on one **CAT5E** cable (150 ft. max video)
- Same entry phone operating specifications as **E-40** (see page 42)
- Surface mount box available for **E-65**, model **VE-5x5** (see page 33)

Model	Description	DOD #
E-65-SS	Stainless Steel Video Phone	203
E-65-BN	Oil Rubbed Bronze Video Phone	203
E-65-WH	Satin White Video Phone	203
E-65-BK	Satin Black Video Phone	203

E Series Compatible with these Controllers
- C-200
- C-250
- C-500
- C-2000B
- SRC-1

E-65-WH

⚠️ **When installing E Series door entry phones outdoors, always use the EWP version – See page 32**

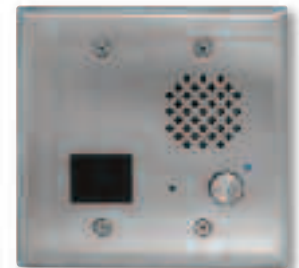***Camera power supply included.**

Double Gang Entry Phones with Proximity Card Reader

- Built in 125KHz compatible 26-bit Wiegand proximity card reader (see page 38 for other proximity card compatible products)
- Same entry phone operating specifications as **E-40** (see page 42)
- Surface mount box available for **E-70**, model **VE-5x5** (see page 33)

Model	Description	DOD #
E-70-SS	Stainless Steel PRX Reader Phone	207
E-70-BN	Oil Rubbed Bronze PRX Reader Phone	207
E-70-WH	Satin White PRX Reader Phone	207
E-70-BK	Satin Black PRX Reader Phone	207

E Series Compatible with these Controllers
- C-200
- C-250
- C-500
- C-2000B
- SRC-1
- ES-1

E-70-SS

⚠️ **When installing E Series door entry phones outdoors, always use the EWP version – See page 32**

Double Gang Video Entry Phones with Proximity Card Reader

- Built in 125KHz compatible 26-bit Wiegand proximity card reader (see page 38 for other proximity card compatible products)
- Built in color composite video camera with 420 lines of resolution wide 70° viewing angle.
- Surface mount box available for **E-75**, model **VE-5x5** (see page 33)

Model	Description	DOD #
E-75-SS	Stainless Steel Video/Reader Phone	208
E-75-BN	Oil Rubbed Bronze Video/Reader Phone	208
E-75-WH	Satin White Video/Reader Phone	208
E-75-BK	Satin Black Video/Reader Phone	208

E Series Compatible with these Controllers
- C-200
- C-250
- C-500
- C-2000B
- SRC-1
- ES-1

E-75-BK

⚠️ **When installing E Series door entry phones outdoors, always use the EWP version – See page 32**

***Camera power supply included.**

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